

Module Handbook Architecture Master 2021 (M.Sc.)

SPO 2021

Winter term 2024/25

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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
Designing (46 CP)							
All modules in this field are compulsory modules. Except "Impromptu Desings" only one module per semester.							
Building Design Project	M-ARCH-105670	14	-	T-ARCH-107445	Building Design Project	Examination of another kind	12
				T-ARCH-112101	Design Specialization	Examination of another kind	2
Urban Design Project	M-ARCH-105671	14	-	T-ARCH-107343	Urban Design Project	Examination of another kind	12
				T-ARCH-111328	Urban Design Specialization	Examination of another kind	2
Design Project	M-ARCH-105672	14	-	T-ARCH-107344	Design Project 2	Examination of another kind	12
				T-ARCH-111329	Free Design Specialization	Examination of another kind	2
Impromptu 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
Social Topics of Sustainability	M-ARCH-103687	4	-	T-ARCH-107435	Social 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
Building Practise	M-ARCH-104077	4	-	T-ARCH-108457	Building Practise	Examination of another kind	4
Special Topics of Building Techniques	M-ARCH-103661	4	-	T-ARCH-107404	Special Topics of Building Techniques	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 Planung 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
Photogrammetry of Architecture	M-BGU-104001	4	-	T-BGU-108204	Photogrammetry of Architecture	Examination of another kind	4
Structural Analysis	M-ARCH-106128	4	-	T-ARCH-112499	Structural Analysis	Examination of another kind	4
Special Topics of Accessibility	M-ARCH-106575	4	-	T-ARCH-113247	Special Topics of Accessibility	Examination of another kind	4
Special Topics of Comfort and Resilience	M-ARCH-106576	4	-	T-ARCH-113248	Special Topics of Comfort and Resilience	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
Baustoffe und materialgerechte Konstruktionen des Holzbau	M-ARCH-106916	4	-	T-ARCH-113853	Baustoffe und materialgerechte	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 Model Study Workshop	completed coursework	2
				T-ARCH-109969	Office Hospitality	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	12

italic font = new module / new module component / change to Winter Term 2024/25

2 Field of study structure

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

2.1 Master's Thesis

Credits
30

Mandatory		
M-ARCH-105693	Module Master's Thesis	30 CR

2.2 Designing

Credits
46

Mandatory		
M-ARCH-105670	Building Design Project	14 CR
M-ARCH-105671	Urban Design Project	14 CR
M-ARCH-105672	Design Project	14 CR
M-ARCH-103612	Impromptu Designs	4 CR

2.3 Architectural Core Competences from 01.04.2022

Credits
16

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

2.4 Specialization

Credits

22

Mandatory		
M-ARCH-103639	Research Fields	6 CR
Compulsory Elective Subject Specialization (Election: 4 items)		
M-ARCH-104079	Workshop Impromptu Designs	4 CR
M-ARCH-104514	Design to Built	4 CR
M-ARCH-104074	Special Topics in Spatial Theory	4 CR
M-ARCH-104075	Special Topics in Building Studies and Design	4 CR
M-ARCH-103640	Special Topics of Design Theory	4 CR
M-ARCH-103647	Special Topics of Fine Arts 1	4 CR
M-ARCH-103648	Special Topics of Fine Arts 2	4 CR
M-ARCH-103649	Special Topics of Theory of Architecture 1	4 CR
M-ARCH-103650	Special Topics of Theory of Architecture 2	4 CR
M-ARCH-103651	Special Topics of Communication of Architecture	4 CR
M-ARCH-103652	Special Topics of Building Technology	4 CR
M-ARCH-103653	Special Topics of Planning and Constructing	4 CR
M-ARCH-103687	Special Topics of Sustainability	4 CR
M-ARCH-103654	Special Topics of Building Lifecycle Management 1	4 CR
M-ARCH-103655	Special Topics of Building Lifecycle Management 2	4 CR
M-ARCH-103656	Detailed Topics of Building Lifecycle Management	4 CR
M-ARCH-103658	Special Topics of Structural Design	4 CR
M-ARCH-103659	Professional Detailed Planning	4 CR
M-ARCH-105957	Project Management	4 CR
M-ARCH-103661	Special Topics of Building Technology	4 CR
M-ARCH-105680	Special Topics of Building Physics	4 CR
M-ARCH-105858	Selected Topics of Digital Design and Fabrication	4 CR
M-ARCH-103668	Special Topics of Urban Design	4 CR
M-ARCH-105859	Special Topics of Urban Design 2	4 CR
M-ARCH-103974	Special Topics of Urban Design - Workshop	4 CR
M-ARCH-103669	Urban Energy	4 CR
M-ARCH-103688	Special Topics of Construction Planning Law	4 CR
M-ARCH-103671	Public Building Law	4 CR
M-ARCH-103672	Special Topics of Art History 1	4 CR
M-ARCH-103673	Special Topics of Art History 2	4 CR
M-ARCH-105863	Special Topics of History of Architecture	4 CR
M-ARCH-105861	Special Topics of History of Urban Planning	4 CR
M-ARCH-103676	Historical Building Research	4 CR
M-ARCH-105681	Adaptive Reuse	4 CR
M-BGU-104001	Photogrammetry for Architects	4 CR
M-ARCH-103629	Spatial Theory	4 CR
M-ARCH-103630	Building Studies and Design	4 CR
M-ARCH-103631	Design Theory	4 CR
M-ARCH-103624	Fine Arts	4 CR
M-ARCH-103625	Theory of Architecture	4 CR
M-ARCH-103626	Communication of Architecture	4 CR
M-ARCH-103627	Art History	4 CR
M-ARCH-105862	History of Architecture	4 CR
M-ARCH-105860	History of Urban Planning	4 CR
M-ARCH-104076	Planning and Constructing	4 CR
M-ARCH-104078	Sustainability	4 CR
M-ARCH-103617	Integral Planning	4 CR

M-ARCH-103618	Virtual Engineering	4 CR
M-ARCH-104077	Building Practise	4 CR
M-ARCH-103620	Performance Analysis for Buildings	4 CR
M-ARCH-103621	Planning and Building with Light	4 CR
M-ARCH-105857	Digital Design and Fabrication	4 CR
M-ARCH-103632	Urban Typologies	4 CR
M-ARCH-103633	Quarter Analysis	4 CR
M-ARCH-103634	International Urban Design	4 CR
M-ARCH-103635	City Theory	4 CR
M-ARCH-103670	Methods, Strategies and Mechanisms of Urban Design	4 CR
M-ARCH-103637	Landscape Typologies	4 CR
M-ARCH-103638	History of Landscape Architecture	4 CR
M-ARCH-105563	Urban Design and Housing	4 CR
M-ARCH-106128	Structural Analysis	4 CR
M-ARCH-106126	Interdisciplinary Design of Timber Structures	4 CR
M-ARCH-106575	Special Topics of Accessibility	4 CR
M-ARCH-106576	Special Topics of Comfort and Resilience	4 CR
M-ARCH-106915	Interdisciplinary Design of Steel Structures ^{neu}	4 CR
M-ARCH-106916	Timber Structures: Materials and Appropriate Design ^{neu}	4 CR

2.5 Interdisciplinary Qualifications

Credits

6

Mandatory		
M-ARCH-105682	Key Qualifications	6 CR

3 Modules

M

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

Responsible: Dr. Anette Busse

Organisation: KIT Department of Architecture

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

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

Mandatory			
T-ARCH-111341	Adaptive Reuse	4 CR	Busse

Competence Certificate

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

Recommendation

Knowledge of basic building history is recommended.

M

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

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

Mandatory			
T-ARCH-107369	Art History	4 CR	Kunstgeschichte

Competence Certificate

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.

Annotation

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

Recommendation

Attending at least one lecture "Art History".

M

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

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

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

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

Competence Certificate

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]

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

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

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

Competence Certificate

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.

Annotation

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 Practise [M-ARCH-104077]

Responsible: Prof. Dr.-Ing. Rosemarie Wagner
Organisation: KIT Department of Architecture
Part of: [Specialization \(Compulsory Elective Subject Specialization\)](#)

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

Mandatory			
T-ARCH-108457	Building Practise	4 CR	Wagner

Competence Certificate

Other examination requirements consisting of a design draft and the construction of a building shell at large scale and a presentation of it.

Prerequisites

None

Competence Goal

The students:

- can analyze, structure and evaluate in a design-related manner the tasks and challenges that are at hand when dealing with the realization of the design into a real building regarding the building materials, the production, the supporting structure and the construction itself.
- can question their own design with a view to the requirements made by natural and artificial building materials for the supporting structure, the construction and the production.
- can deduce design purposes of their own design based on the knowledge they have regarding building technology basics.
- are able to integrate technical requirements into their design, can perform calculations based on these and can use the necessary aids in a proper methodic way.
- are capable of weighing and assessing the various different criteria stemming from the technical building requirements and are able to sensibly integrate these into the design.

Content

In this module the students are taught the theoretical and practical aspects of using natural as well as artificial building materials for both the supporting structure and the construction itself. The course deals with the properties of the building materials, the processing and treatment of the building materials in practical tutorials, the joint construction techniques and the production of supporting structures and constructions in general. What it also focusses on are theoretical and practical methods for the development of supporting building shells.

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

Recommendation

Knowledge from the subject integrated building technology is helpful; so is a workshop internship.

M

3.6 Module: Building Studies and Design [M-ARCH-103630]**Responsible:** Prof. Meinrad Morger**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 scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each winter term	1 term	German/English	4	1

Mandatory			
T-ARCH-107372	Building Studies and Design	4 CR	Morger

Competence Certificate

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.

Annotation

If necessary with an excursion.

Workload

In-class time: Seminar 30 h

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

M

3.7 Module: City Theory [M-ARCH-103635]**Responsible:** 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 scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each summer term	1 term	German/English	4	1

Mandatory			
T-ARCH-107377	City Theory	4 CR	Engel

Competence Certificate

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

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

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

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

Competence Certificate

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

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

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

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

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

Competence Certificate

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.

Annotation

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

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

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

Mandatory			
T-ARCH-107373	Design Theory	4 CR	Hartmann

Competence Certificate

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

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

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

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

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

Competence Certificate

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

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

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

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

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

Competence Certificate

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

3.13 Module: Digital Design and Fabrication [M-ARCH-105857]

Responsible: TT-Prof. Moritz Dörstelmann
Organisation: KIT Department of Architecture
Part of: [Specialization \(Compulsory Elective Subject Specialization\)](#)

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

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

Competence Certificate

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

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

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

Mandatory			
T-ARCH-107366	Fine Arts	4 CR	Craig

Competence Certificate

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.

Annotation

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

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

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

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

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

Competence Certificate

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

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

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

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

Competence Certificate

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

Prerequisites

none

Competence Goal

The students:

- 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.

Annotation

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

Workload

In-class time: Seminar 30 h

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

M

3.17 Module: History of Landscape Architecture [M-ARCH-103638]**Responsible:** Prof. Henri Bava**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 scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each winter term	1 term	German/English	4	1

Mandatory			
T-ARCH-107380	History of Landscape Architecture	4 CR	Bava

Competence Certificate

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

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

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

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

Competence Certificate

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

Prerequisites

none

Competence Goal

The students:

- 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.

Annotation

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

Workload

In-class time: Seminar 30 h

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

M

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

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

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

Mandatory			
T-ARCH-107346	Impromptu Designs	4 CR	Architektur

Competence Certificate

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.

Annotation

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

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

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

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

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

Competence Certificate

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

Recommendation

Knowledge of the basics of planning methodology are helpful.

M

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

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

Organisation: KIT Department of Architecture

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

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

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

Competence Certificate

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.

Annotation

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

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

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

Organisation: KIT Department of Architecture

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

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

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

Competence Certificate

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.

Annotation

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

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

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

Workload

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

- seminar, feedback meetings, interim presentations: 25 h

Independent Study:

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

Total: 120 h

M

3.23 Module: International Urban Design [M-ARCH-103634]**Responsible:** 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 scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each winter term	1 term	German/English	4	1

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

Competence Certificate

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

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

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

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

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

Competence Certificate

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

Annotation

Interdisciplinary qualifications (IQ) completed at the House-of-Competence (HoC), at the Zentrum für Angewandte Kulturwissenschaften (ZAK) or at the Sprachenzentrum (SpZ) can be assigned in self-service.

First, select a partial accomplishment named "self-assignment" in your study schedule and second, assign an IQ-achievement via the tab "IQ achievements".

Workload

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

M

3.25 Module: Landscape Typologies [M-ARCH-103637]**Responsible:** Prof. Henri Bava**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 scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each summer term	1 term	German/English	4	1

Mandatory			
T-ARCH-107379	Landscape Typologies	4 CR	Bava

Competence Certificate

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

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

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

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

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

Competence Certificate

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

Annotation

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

3.27 Module: Methods, Strategies and Mechanisms of Urban Design [M-ARCH-103670]**Responsible:** 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 scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Each winter term	1 term	German/English	4	1

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

Competence Certificate

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

Prerequisites

None

Competence Goal

The students:

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

Content

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

Module grade calculation

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

Workload

In-class time: Seminar 45 h

Self-study: Preparation/follow-up, written paper/project 75 h

M

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

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [Master's Thesis](#)

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
30	Grade to a tenth	Each term	1 term	German/English	5	2

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

Competence Certificate

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 Conditions

The following conditions have to be fulfilled:

- 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

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

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

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

Competence Certificate

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

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

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

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

M

3.31 Module: Planning and Building with Light [M-ARCH-103621]

Responsible: Prof. Andreas Wagner
Organisation: KIT Department of Architecture
Part of: [Specialization \(Compulsory Elective Subject Specialization\)](#)

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

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

Competence Certificate

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

Recommendation

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

3.32 Module: Planning and Constructing [M-ARCH-104076]**Responsible:** Prof. Ludwig Wappner**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)

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

Mandatory			
T-ARCH-108456	Planning and Constructing	4 CR	Wappner

Competence Certificate

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

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

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

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

Prerequisites

None

M

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

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

Mandatory			
T-ARCH-112102	Project Management	4 CR	Fischer

Competence Certificate

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

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

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

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

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

Competence Certificate

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.

Annotation

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

Recommendation

Basic knowledge of public building law

M

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

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

Mandatory			
T-ARCH-107375	Quarter Analysis	4 CR	Neppl

Competence Certificate

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

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

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

Credits	Grading scale	Recurrence	Duration	Language	Level	Version
6	Grade to a tenth	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 CR	Architektur
T-ARCH-107382	Independent Student Research Project	4 CR	Architektur
Mandatory			
T-ARCH-112875	Participation Doctoral Colloquium	0 CR	Architektur
T-ARCH-107383	Preparation Master's Thesis	2 CR	Architektur

Competence Certificate

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.

Annotation

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

Recommendation

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

M

3.38 Module: Selected Topics of Digital Design and Fabrication [M-ARCH-105858]

Responsible: TT-Prof. Moritz Dörstelmann
Organisation: KIT Department of Architecture
Part of: [Specialization \(Compulsory Elective Subject Specialization\)](#)

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

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

Competence Certificate

Other examination requirements based on a final presentation.

Prerequisites

none

Competence Goal

The students:

- have 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

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

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

Mandatory			
T-ARCH-107371	Spatial Theory	4 CR	Frohn

Competence Certificate

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

3.40 Module: Special Topics in Building Studies and Design [M-ARCH-104075]**Responsible:** Prof. Meinrad Morger**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)

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

Mandatory			
T-ARCH-108455	Special Topics in Building Studies and Design	4 CR	Morger

Competence Certificate

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

3.41 Module: Special Topics in Spatial Theory [M-ARCH-104074]**Responsible:** Prof. Marc Frohn**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)

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

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

Competence Certificate

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

3.42 Module: Special Topics of Accessibility [M-ARCH-106575]**Responsible:** Prof. Andreas Wagner**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)

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

Mandatory			
T-ARCH-113247	Special Topics of Accessibility	4 CR	Wagner

Competence Certificate

Examination of another type in the form of project presentations.

Competence Goal

The students:

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

Content

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

Module grade calculation

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

Annotation

if necessary with compulsory excursion

Workload

In-class time: Lecture, Exercises 60 h

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

M

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

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

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

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

Competence Certificate

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

3.44 Module: Special Topics of Art History 2 [M-ARCH-103673]

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

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

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

Competence Certificate

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 Conditions

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

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

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

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

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

Competence Certificate

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

Recommendation

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

M

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

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

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

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

Competence Certificate

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 Conditions

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

Recommendation

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

M

3.47 Module: Special Topics of Building Physics [M-ARCH-105680]**Responsible:** Prof. Andreas Wagner**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)

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

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

Competence Certificate

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.

Annotation

With a mandatory excursion.

Workload

Class attendance: Lectures, tutorials 60 h

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

M**3.48 Module: Special Topics of Building Technology [M-ARCH-103661]****Responsible:** Prof. Dr.-Ing. Rosemarie Wagner**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)

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

Mandatory			
T-ARCH-107404	Special Topics of Building Technology	4 CR	Wagner

Prerequisites

None

M

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

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

Organisation: KIT Department of Architecture

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

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

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

Competence Certificate

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.

Annotation

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

3.50 Module: Special Topics of Comfort and Resilience [M-ARCH-106576]**Responsible:** Prof. Andreas Wagner**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)

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

Mandatory			
T-ARCH-113248	Special Topics of Comfort and Resilience	4 CR	Wagner

Competence Certificate

Examination of another type in the form of project presentations.

Prerequisites

none

Competence Goal

The students:

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

Content

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

Module grade calculation

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

Annotation

if necessary with compulsory excursion

Workload

In-class time: Lecture, Exercises 60 h

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

M

3.51 Module: Special Topics of Communication of Architecture [M-ARCH-103651]

Responsible: Prof. Dr. Riklef Rambow
Organisation: KIT Department of Architecture
Part of: [Specialization \(Compulsory Elective Subject Specialization\)](#)

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

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

Competence Certificate

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

3.52 Module: Special Topics of Construction Planning Law [M-ARCH-103688]

Responsible: Holger Fahl
Organisation: KIT Department of Architecture
Part of: [Specialization \(Compulsory Elective Subject Specialization\)](#)

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

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

Competence Certificate

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

3.53 Module: Special Topics of Design Theory [M-ARCH-103640]

Responsible: Prof. Simon Hartmann
Organisation: KIT Department of Architecture
Part of: [Specialization \(Compulsory Elective Subject Specialization\)](#)

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

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

Competence Certificate

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.

Annotation

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

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

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

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

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

Competence Certificate

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.

Annotation

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

3.55 Module: Special Topics of Fine Arts 2 [M-ARCH-103648]

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

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

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

Competence Certificate

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 Conditions

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

3.56 Module: Special Topics of History of Architecture [M-ARCH-105863]**Responsible:** Prof. Dr.-Ing. Joaquín Medina Warmburg**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)

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

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

Competence Certificate

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

Prerequisites

none

Competence Goal

The students:

- 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.

Annotation

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

Workload

In-class time: Seminar 30 h

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

M

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

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

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

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

Competence Certificate

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

Prerequisites

none

Competence Goal

The students:

- 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.

Annotation

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

Workload

In-class time: Seminar 30 h

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

M

3.58 Module: Special Topics of Planning and Constructing [M-ARCH-103653]**Responsible:** Prof. Ludwig Wappner**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)

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

Mandatory			
T-ARCH-107396	Special Topics of Planning and Constructing	4 CR	Wappner

Competence Certificate

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

3.59 Module: Special Topics of Structural Design [M-ARCH-103658]

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

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

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

Competence Certificate

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.

Annotation

Possibly with excursion.

Workload

Attendance time: Seminar 45 h

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

M

3.60 Module: Special Topics of Sustainability [M-ARCH-103687]**Responsible:** Prof.Dipl.-Ing. Dirk Hebel**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)

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

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

Competence Certificate

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

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

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

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

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

Competence Certificate

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

Prerequisites

None

Competence Goal

The students

- are able to 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.

Annotation

possibly with excursion and/or workshop days

Workload

Attendance time: Seminar 60 h

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

M

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

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

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

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

Modeled Conditions

The following conditions have to be fulfilled:

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

M

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

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

Organisation: KIT Department of Architecture

Part of: Specialization (Compulsory Elective Subject Specialization)

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

Mandatory			
T-ARCH-107409	Special Topics of Urban Design	4 CR	Bava, Engel, Inderbitzin, Neppl

Competence Certificate

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.

Annotation

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

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

Responsible: 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 scale	Recurrence	Duration	Language	Level	Version
4	Grade to a tenth	Irregular	1 term	German/English	4	1

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

Competence Certificate

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.

Annotation

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

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

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

Organisation: KIT Department of Architecture

Part of: Specialization (Compulsory Elective Subject Specialization)

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

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

Competence Certificate

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.

Annotation

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

3.66 Module: Structural Analysis [M-ARCH-106128]**Responsible:** Dr. Anette Busse**Organisation:** KIT Department of Architecture**Part of:** [Specialization \(Compulsory Elective Subject Specialization\)](#)

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

Mandatory			
T-ARCH-112499	Structural Analysis	4 CR	Busse

Competence Certificate

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

3.67 Module: Sustainability [M-ARCH-104078]

Responsible: Prof.Dipl.-Ing. Dirk Hebel
Organisation: KIT Department of Architecture
Part of: [Specialization \(Compulsory Elective Subject Specialization\)](#)

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

Mandatory			
T-ARCH-108458	Sustainability	4 CR	Hebel

Competence Certificate

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

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

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

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

Competence Certificate

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.

Annotation

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

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

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

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

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

Competence Certificate

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

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

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

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

Competence Certificate

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

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

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

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

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

Competence Certificate

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.

Annotation

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

3.72 Module: Urban Energy [M-ARCH-103669]

Responsible: Prof. Markus Nepl
Organisation: KIT Department of Architecture
Part of: [Specialization \(Compulsory Elective Subject Specialization\)](#)

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

Mandatory			
T-ARCH-107410	Urban Energy	4 CR	Neppl

Competence Certificate

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

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

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

Mandatory			
T-ARCH-107374	Urban Typologies	4 CR	Neppl

Competence Certificate

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

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

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

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

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

Competence Certificate

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

Recommendation

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

M

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

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

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

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

Competence Certificate

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.

Annotation

possibly with compulsory excursion

Workload

Presence time: Presentations 5-30 h

Self-study: design work 90-115 h



4 Courses





T

4.1 Course: Adaptive Reuse [T-ARCH-111341]

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

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

Events					
ST 2024	1741393	Building in Existing Contexts_Adeptive Reuse: Interventions _ Rethinking of Obsolete Structures	2 SWS	Seminar / 	Medina Warmburg, Busse
WT 24/25	1741396	Adeptive Reuse _ Redevelopment of Obsolete Typologies	2 SWS	Seminar / 	Busse

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

Prerequisites

none

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

V

[Building in Existing Contexts_Adeptive Reuse: Interventions _ Rethinking of Obsolete Structures](#) Seminar (S) On-Site

1741393, SS 2024, 2 SWS, Language: German, [Open in study portal](#)

Content

The built environment has always been subject to continuous, fluid change, primarily intended by the content of the built structures. If the functions become obsolete, the associated buildings are also up for discussion. Since the technical and social changes and the associated adaptations and modernisations that have gone hand in hand with increasing mechanisation, growing cities and the increasing implementation of a growing mechanised infrastructure, the rate of obsolescence of various building typologies has increased exponentially. In the seminar, we want to analyse the predicted obsolescence and examine how different interventions and transformations can be used to develop a reprogramming of explicitly unusual structures and systems into potential forms of living.

Type of course: Attendance with mandatory excursion

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

Final Submission: 16.07.2024

Number of Participants:12 MA

Focus of study: Architectural and Cultural Heritage

V

[Adeptive Reuse _ Redevelopment of Obsolete Typologies](#) Seminar (S) On-Site

1741396, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

Content

In view of vacant retail space in pedestrian zones and a shrinking number of department stores in city centres, as well as empty retail and storage areas on the outskirts of cities, it is very important to rethink the current development of existing buildings and their function and use in the short and mid term. Where is the development of our cities heading? Which typologies are becoming obsolete and how can we bring them back into use? Where can we accommodate which types of residential use?

In addition to the housing issue, we will also need new, previously underdeveloped, or even undeveloped uses in the future, which should be integrated into the cities of the future - the challenge is to think about these and match them with the possibilities and strengths of obsolete types. This could be a key to the strategy of the circular city.

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

Number of participants: 12

Focus of study: Architectural and Cultural Heritage

T

4.2 Course: Art History [T-ARCH-107369]

Responsible: Studiendekan/in Kunstgeschichte**Organisation:** KIT Department of Architecture**Part of:** [M-ARCH-103627 - Art History](#)

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

Events					
ST 2024	1741321	Art History: The Painter Caspar David Friedrich (1774-1840)	2 SWS	Seminar /	Fiorentini Elsen
ST 2024	1741322	Art History: Heimat	2 SWS	Seminar /	Jehle
ST 2024	1741323	Art History: Early Modern Portrait Painting	2 SWS	Seminar /	Papenbrock
ST 2024	1741324	Art History: The Eye and the Gaze. Art Histories of Seeing 14th-21st Century	2 SWS	Seminar /	Fiorentini Elsen
ST 2024	1741325	Art History: Collecting Cultures: The Circulation of Americana from the Early Modern World to the Nineteenth Century	2 SWS	Seminar /	Báez-Rubi
ST 2024	1741326	Art History: We Read Roland Barthes: Camera Lucida: Reflections on Photography, 1980	2 SWS	Seminar /	Fiorentini Elsen
ST 2024	1741327	Art History: Collecting Cultures: The Aesthetic Recognition of Antique Amerindian Art	2 SWS	Seminar /	Báez-Rubi
WT 24/25	1741314	Art History: Titian and his Century - Color of Nature / Nature as Color	2 SWS	Seminar /	Fiorentini Elsen
WT 24/25	1741318	Art History: Machine Arts of Modernity	2 SWS	Seminar /	Rottmann

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

Competence Certificate

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 events related to this course:

V

Art History: The Painter Caspar David Friedrich (1774-1840)1741321, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)**Seminar (S)
On-Site****Content**

The seminar is dedicated to the painter Caspar David Friedrich (1774-1840) on the occasion of his 250th birthday. Initially forgotten after his death in 1840 and only rediscovered in 1907, Friedrich is now one of the most popular artists of his era. At the transition from the 18th to the 19th century, he embodied a new relationship between the individual and nature, which was expressed in various contexts. We question Friedrich's history, his attitude and his painting practice and follow him on the path to a new way of seeing, which in his time not only asserted itself in art, but also in the sciences and in the general understanding of life.

Submission/Exam: written elaboration, 30.09.2024

Number of Participants: 3

**Art History: Heimat**1741322, SS 2024, 2 SWS, Language: German, [Open in study portal](#)**Seminar (S)
On-Site****Content**

"Heimat" is a colourful term: ambiguous, changing over time, multi-perspective, this term is associated with the desire for the protected space of an intact world and an idyll removed from time. Friedrich spans abstract spaces full of transcendental ideas to generate Heimat, Ramdohr sees only "pathological emotion" at work there; and the experience of the National Socialist dictatorship drives all these ideas out of the aesthetic discourse on Heimat. We are dedicated to the idea of "Heimat" not only in discourses and artefacts since Romanticism, but also to phenomena such as the Heimat movement, the garden city and the diverse reconstructions in architectural contexts that affirm the concept of Heimat.

Submission/Exam: written elaboration, 30.09.2024

Number of Participants: 3

**Art History: Early Modern Portrait Painting**1741323, SS 2024, 2 SWS, Language: German, [Open in study portal](#)**Seminar (S)
On-Site****Content**

Since the beginnings of panel painting in the early 15th century, portraiture has been one of its foremost tasks. In this seminar, major works of early modern portrait painting from van Eyck to Velazquez will be presented and discussed. The focus will not only be on the aesthetics, but also on the social role of those portrayed and the relationship between the individuals and the social and historical developments of their time.

Submission/Exam: written elaboration, 30.09.2024

Number of Participants: 3

**Art History: The Eye and the Gaze. Art Histories of Seeing 14th-21st Century**1741324, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)**Seminar (S)
Blended (On-Site/Online)****Content**

Seeing has its own history, and understanding this is one of the main tasks of art history (Heinrich Wölfflin). The seminar discusses important historical shifts in the understanding of seeing in art, art theory, optics and philosophy. The focus will be on the way in which art and theories of vision have influenced each other. We will ask to what extent pictures reflect or have brought about changes in the understanding of seeing. Materials for discussion will come from painting, photography, film together with instruments and treatises.

Submission/Exam: written elaboration, 30.09.2024

Number of Participants: 3

**Art History: Collecting Cultures: The Circulation of Americana from the Early Modern World to the Nineteenth Century**1741325, SS 2024, 2 SWS, Language: German, [Open in study portal](#)**Seminar (S)
On-Site****Content**

The seminar is dedicated to study collecting practices and circulation of artefacts and objects that were promoted with the establishment of the trade route between America-Europe-Asia. Students will have the opportunity to reflect on essential aspects of the circulation of material culture in the Spanish-American trading area, as well as to reflect on restitution issues of such kind of objects.

Submission/Exam: written elaboration, 30.09.2024

Number of Participants: 3

**Art History: We Read Roland Barthes: Camera Lucida: Reflections on Photography, 1980**1741326, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)**Seminar (S)
On-Site**

Content

We read Roland Barthes' Camera Lucida. Reflections on Photography. The French philosopher's book, together with Susan Sontag's On Photography, is one of the first texts to theorize photography as a process, as an image and as a work of art. The book asks: What is the photographic image? What is its essence? How does it affect those who look at it? We examine the text and the historical and theoretical context in which it was conceived and question its impact and significance for art history. We also intensively analyze the historical and theoretical position of the instrumental image practices that justify the book's title: Camera, Camera Obscura, Camera Lucida.

Submission/Exam: written elaboration, 30.09.2024

Number of Participants: 3


Art History: Collecting Cultures: The Aesthetic Recognition of Antique Amerindian Art Seminar (S)

1741327, SS 2024, 2 SWS, Language: German, [Open in study portal](#)

On-Site

Content

The seminar discusses fundamental questions of aesthetic evaluation and recognition of image and art production produced by pre-Columbian cultures departing from historiographical sources. By analyzing case studies from different perspectives (art history, literary and visual studies), the seminar contributes to the understanding of the consolidation of art historical discourses on "ancient cultures" in America.

Submission/Exam: written elaboration, 30.09.2024

Number of Participants: 3


Art History: Titian and his Century - Color of Nature / Nature as Color Seminar (S)

1741314, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)

On-Site

Content

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

Appointment: Wed 8 - 9:30 am, Bldg. 20.40, R124 FG KG

Submission/Exam: written elaboration, 31.03.2025

Number of Participants: 3

Organizational issues

Die Teilnahme an der ersten und letzten Seminarsitzung ist verpflichtend!


Art History: Machine Arts of Modernity Seminar (S)

1741318, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)

On-Site

Content

The usage of Artificial Intelligence (AI) or rather Machine Learning in visual arts is currently debated in many cases. The history of such an AI art goes back to the 1950s. This seminar is dedicated to a prehistory and thus wants to see modernity through the glasses of the machine. It needs to be questioned: In which manner machines found their way into visual arts? Which roles did they play? Which historical, e. g. socio-political contexts and motives existed? We want to develop answers using the example of art movements like Futurism or Bauhaus – to do so we need to acquire concepts of machines and to get an understanding of each relevant art movement, individual oeuvres as well as history of culture and technology. Dealing with machine arts this seminar aims at an enhanced understanding of modernity as well as contemporary AI art. An excursion is contemplated.

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

Submission/Exam: written elaboration, 31.03.2025

Number of Participants: 5

T

4.3 Course: Building and Structure [T-ARCH-112099]

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

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

Events					
ST 2024	1720759	Building and Construction	2 SWS	Lecture / Practice (/ 🗎)	La Magna, Haußer
WT 24/25	1720759	Building & Structure	2 SWS	Seminar / 🗎	La Magna, Andersson Largueche, Haußer, Müller

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

Competence Certificate

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 events related to this course:

V

Building and Construction

1720759, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)

**Lecture / Practice (VÜ)
On-Site**

Content

In the Building & Structure seminar the functional and effective modes of structural design are examined in more detail, especially with the specific study of the applicability of the materials' timber, steel and concrete. In addition, special structures and their load-bearing mechanisms will be studied and analysed, which will serve to develop and support the design.

1st meeting: 17.04.2024 11:30 a.m.

Mandatory seminar!

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

Location: B. 20.40 HS9

Delivery/Examination: after announcement!

Number of participants: unlimited

V

Building & Structure

1720759, WS 24/25, 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: 23.10.2024; 11:30 a.m.

Mandatory meeting!

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

Delivery/Examination: after announcement

Number of participants: unlimited

Organizational issues

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

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

T

4.4 Course: Building Practise [T-ARCH-108457]

Responsible: Prof. Dr.-Ing. Rosemarie Wagner
Organisation: KIT Department of Architecture
Part of: [M-ARCH-104077 - Building Practise](#)

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

Events					
ST 2024	1720910	Building Techniques: Lightweight. Nothing but thin air or cable net constructions	4 SWS	Lecture / Practice (/ 🗎)	Wagner, Mildenberger
ST 2024	1720911	Building Technology: Building summer - lime, clay, hemp	4 SWS	Seminar / 🗎	Wagner, Dorbach, Mildenberger
WT 24/25	1720906	Building Techniques: Lightweight structures - Cable nets as source of energy and sink	4 SWS	Seminar / 🗎	Wagner, Sickinger, Ge
WT 24/25	1720907	Building Techniques: Building Workshop Structure - integrated and functional	4 SWS	Seminar / 🗎	Wagner, Sickinger

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

Competence Certificate

Other examination requirements consisting of a design draft and the construction of a building shell at large scale and a presentation of it.

Prerequisites

none

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

V

Building Techniques: Lightweight. Nothing but thin air or cable net constructions

1720910, SS 2024, 4 SWS, Language: German/English, [Open in study portal](#)

Lecture / Practice (VÜ)
On-Site

Content

How far can (spatial) boundaries be dissolved without losing space? Which building materials and how much of them are needed for a design task when aiming for minimum material use? What are the consequences of avoiding conventional constructions? And what role do cable net constructions play here? They can not only be used as an invisible second skin for green facades. They can also be walked on, covered by transparent elements, both horizontal, vertical, diagonal...

We want to give it a try and recreate floors/ ceilings/ walls/ etc. in a lightweight way.

And since new technologies go hand in hand with new rules, we'll learn how cable nets work, what they can do and what needs to be taken into account when designing and planning them. A seminar with trial and error, in order to find out and apply.

Appointment: Fri 10:00 am – 1:00 pm

Place: 06.34, R 112 Westhochschule, Hertzstr. 16

Excursions: Mandatory excursion to cable net manufacturer

Submission / examination: 30.09.2024

Number of participants: 20

Focus of study: Building Technology

**Building Technology: Building summer - lime, clay, hemp**1720911, SS 2024, 4 SWS, Language: German/English, [Open in study portal](#)**Seminar (S)
On-Site****Content**

The participants are encouraged to explore hemp-clay and hemp-lime as resource-efficient building materials with positive insulating and moisture properties within. The knowledge about production, processing and use of these historical but evergreen building materials was lost during the last decades.

The content of the seminar is to gain access to these building materials by testing mixtures, processing them into stones or as filling between wooden constructions. This goes beyond presenting technical data and application possibilities by means of practical implementation, in which experiencing and experiencing the building process are added as sensory impressions.

The course includes introduction dates in the different materials with lecture and practice as well as two block dates. The first block will take place at Campus West, KIT. The second block is a 5-day building phase external and will be announced at the beginning of the course.

Appointment: Fri, 19.04.2024, 2:00 p.m.

Location: 06.34 R 112 Campus West, Hertzstr. 16 76187 Karlsruhe

First part: appointment according to arrangement with participants

Second part (Mandatory excursion): workshop on the construction site in calendar week 33

Workshop event on construction site:

- Accommodation free, e.g. on camp beds
- personal safety equipment is mandatory (safety shoes, work trousers, gloves, glasses)
- Meals on site: self-catering or lunch menu with discount

Submission / examination: 30.08.2024

Number of participants: 16

Focus of study: building technology

**Building Techniques: Lightweight structures - Cable nets as source of energy and sink**1720906, WS 24/25, 4 SWS, Language: German/English, [Open in study portal](#)**Seminar (S)
On-Site****Content**

To what extent can urban spaces be designed with light and transparent structures that fulfil functions such as energy sink [\[GX\(1\)\]](#) and energy source? What are the consequences of abandoning conventional structures? And how can cable net structures be combined with lightweight PV modules? How can the acceptance of these structures be understood, what methods are available for this and for which locations are they suitable?

We want to get involved in an experiment and recreate shading in public spaces.

And since new technologies also bring new rules, we learn in advance how cable nets create spaces, what they can do and what needs to be considered during design and construction. In addition, we want to put PV modules on the cable nets to generate energy and provide shade at the same time. To touch, understand and experiment.

In addition, we would like to find out how our structures are perceived and accepted by different people. For this purpose, the House of Competence (HOC) with Alexa Kunz and Sarah Herrmann will be integrated as a contribution to the design-related reflection report.

Based on the results of the seminar, the HOC offers participants an in-depth elaboration on research impulses in the design process as an additional service.

Regular dates: Friday 2.00 pm – 5.15 pm

1st meeting: 25.10.2024, Hertzstrasse 16, 76187 Karlsruhe, Bldg.06.34

Place: 06.34 R 112 Westhochschule, Hertzstr. 16

Excursions to be present to a manufacturer of cable nets

Submission / examination: 07.03.2025

Number of participants: 24

Focus of study: Building Technology

**Building Techniques: Building Workshop Structure - integrated and functional**1720907, WS 24/25, 4 SWS, [Open in study portal](#)**Seminar (S)
On-Site****Content**

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

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

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

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

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

It is recommended to take this seminar as a supplement to the design "Neue Markthalle Karlsruhe" professorship BLM. The task within the seminar can be freely selected to the design of market hall structure or market stand.

Regular sessions: Fridays 9:45 AM – 1:00 PM

First meeting: October 25, 2024, Hertzstrasse 16, 76187 Karlsruhe, Building 06.34

Excursions to be present: to wooden and clay structures

Submission/Presentation: March 7, 2025

Number of participants: 24

T

4.5 Course: Building Studies and Design [T-ARCH-107372]

Responsible: Prof. Meinrad Morger
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103630 - Building Studies and Design](#)

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

Events					
WT 24/25	1710209	Building Studies and Design: Potentials of Prefabrication	2 SWS	Seminar	Morger, Amon, Kunkel, Schneider, Zaparta

Competence Certificate

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 events related to this course:

V

Building Studies and Design: Potentials of Prefabrication

Seminar (S)

1710209, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

Content

In order to construct buildings as economically, resource-efficiently and sustainably as possible, the potential of prefabrication is once again coming to the fore. In the 'Potentials of prefabrication' analysis seminar this winter semester, we will be looking at various building systems and construction techniques based on different building materials from the past and present of architecture. We will analyse international projects of all typologies and focus on the joining and the resulting architectural character. What temporal context and what technical possibilities led to these solutions? What are the advantages and disadvantages and what are the potentials for the future?

First Meeting: 30.10.2024, 10:00 am, Building 20.40, Room 113, Seminar Room Gebäudelehre

Submission/ Presentation: Wed, 22.01.2025


Number of Participants: 18





T

4.6 Course: City Theory [T-ARCH-107377]

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

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

Events					
ST 2024	1731172	City Theory/Research Seminar: Case Study: Alfred Fischer in Dammerstock. The Karlsruhe University and „das neue Bauen“	2 SWS	Seminar / 	Engel, Staab

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

Competence Certificate

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 events related to this course:

V

City Theory/Research Seminar: Case Study: Alfred Fischer in Dammerstock. The Karlsruhe University and „das neue Bauen“

**Seminar (S)
On-Site**

1731172, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)

Content

2025 Alongside the Weißenhofsiedlung in Stuttgart, the Karlsruhe district is one of the most important examples of *Neues Bauen* (known as International Style) in southern Germany – and exemplary for the paradigm shift in planning and building at the time. The seminar will analyze the Dammerstocksiedlung with its operative, syntactic and semantic contexts of meaning and its interactions with the city and the then TH Karlsruhe (as the predecessor institution of the KIT). Using various mapping tools, the architectural, urban planning and socio-cultural dimensions of the estate will be documented and graphically presented. The results will be presented as part of the KIT's anniversary exhibition in.

Appointment: Tue 9:45-11:15 am, 11.40 R013

First Meeting: Tue 16.04.2024

Submission/Exam: Tue 13.08.2024

Number of Participants: 10

Form: Single/Teams of two


Focus of study: Urban Design





T

4.7 Course: Communication of Architecture [T-ARCH-107368]

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

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

Events					
ST 2024	1710452	a*komm on Site. Paris (incl. Excursion)	2 SWS	Seminar / 	Rambow, Alkadi

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

Competence Certificate

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 events related to this course:

V

a*komm on Site. Paris (incl. Excursion)

1710452, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Paris, the "capital of the 19th century", is still one of the most fascinating cities in the world. In the seminar, we will examine why this is the case and how the historical layers of the city contribute to how we actually experience it today. We will also visit key sites of current development and explore how they interact with the existing city. These investigations will be guided by how the city presents itself and will include visits to key institutions such as the Pavillon de l'Arsenal, the Cité de l'Architecture et du Patrimoine and the Musée Carnavalet.

The excursion to Paris is an essential part of the course. Travel and accommodation can be organized by the students themselves; total costs of approx. 500 euros are to be expected.

Excursion: Paris, planned from 30.09.-04.10.2024

Submission/Exam: 05.10.2024

Number of Participants: max. 25

Focus of Study: Architectural and Cultural Heritage

T

4.8 Course: Course in the Study Workshop Modell [T-ARCH-107423]

Responsible: Bastian Gäng
Andreas Heil
Philipp Jäger

Organisation: KIT Department of Architecture

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

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

Prerequisites

none

T

4.9 Course: Course in the Study Workshop Photography [T-ARCH-107422]

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

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

T

4.10 Course: Design Project 2 [T-ARCH-107344]

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

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

Events					
ST 2024	1710102	GRID (Frohn)	8 SWS	Project (P / 🎯)	Frohn, Gazzillo, Gernay, Streicher
ST 2024	1710204	Architecture Academy in Leipzig (Morger)	8 SWS	Project (P / 🎯)	Morger, Kunkel, Zaparta
ST 2024	1710302	Spaces for learning. Horizontal ambiguities (Hartmann)	8 SWS	Project (P / 🎯)	Hartmann, Coricelli, Kadid, Vansteenkiste
ST 2024	1710308	INSIDE OUT - Space for Opportunities (Weyell/Zipse)	5 SWS	Project (P / 🎯)	Brasanac, Weyell, Zipse
ST 2024	1720507	Vertical Living (Wappner)	8 SWS	Project (P / 🎯)	Wappner, Hörmann, Häberle, Wang, Kochhan, Calavetta
ST 2024	1720601	Top Up!* - Redensification Concepts for Würzburg Gartenstadt (Hebel)	5 SWS	Project (P / 🎯)	Hebel, Hoss, Rausch
ST 2024	1720609	Constructive Reuse - Alongside Mustard and Mayo (Müller)	8 SWS	Project (P / 🎯)	Müller, Gerteiser, Läufer
ST 2024	1720701	Silvergreen (von Both)	8 SWS	Project (P / 🎯)	von Both, Sartorius, Seiler-Cuesta
ST 2024	1720805	Global Threads (Dörstelmann)	5 SWS	Project (P / 🎯)	Dörstelmann, Kranz, Witt
ST 2024	1731086	Urban Transformation - New Urban Planning Strategies for Beiertheimer Feld (Neppl)	5 SWS	Project (P / 🎯)	Neppl, Giral
ST 2024	1731160	Inner City on the Edge. Freiburg. (Engel)	5 SWS	Project (P / 🎯)	Engel, Böcherer, Kannen
ST 2024	1731210	Urban Hydrotopos – Karlsruhe's Co-Evolutionary Dynamics of Urban and Hydric Processes (Bava)	5 SWS	Project (P / 🎯)	Bava, Romero Carnicero
ST 2024	1731260	Housing for Everyone (Multerer/ Inderbitzin)	5 SWS	Project (P / 🎯)	Inderbitzin, Multerer, Schork, Zickert, Zlokapa, von Zepelin
WT 24/25	1710111	S,M,L (Frohn)	5 SWS	Project (P / 🎯)	Frohn, Wasel, Streicher
WT 24/25	1710206	An homage to Auguste Perret's Le Havre(Morger)	5 SWS	Project (P / 🎯)	Morger, Zaparta, Schneider, Amon
WT 24/25	1710303	Poly-Seasonal Architecture 3 REDUNDANCY (Hartmann)	5 SWS	Project (P / 🎯)	Hartmann, Coricelli, Kadid, Vansteenkiste
WT 24/25	1710304	Almost Always Empty – Buildings for Cars (Schlösser/Kirchner)	5 SWS	Project (P / 🎯)	Brasanac
WT 24/25	1720503	Monastère Moderne: A Place of Contemplation (Entwurf Wappner)	5 SWS	Project (P / 🎯)	Wappner, Kochhan, Wang, Calavetta, Huismans, Häberle, Hörmann
WT 24/25	1720552	This is our house! Co-operative housing and living in Berlin (Entwurf Klinge/Rambow)	5 SWS	Project (P / 🎯)	Klinge, Rambow, Michalski, Weber, Alkadi

WT 24/25	1720601	HIRZBERG+ - Micro-Multifunctional Room for a Kindergarten in Freiburg (Hebel)	5 SWS	Project (P / 🗣️)	Hebel, Boerman
WT 24/25	1720609	Live.Zip - Unzip Resources (Müller)	5 SWS	Project (P / 🗣️)	Müller, Gerteiser, Busse
WT 24/25	1720701	A new Market Hall for Karlsruhe (von Both)	5 SWS	Project (P / 🗣️)	von Both, Seiler-Cuesta, Sartorius
WT 24/25	1720706	Simply better building - Theresienareal Pforzheim	5 SWS	Project (P / 🗣️)	Koch, von Both, Seiler-Cuesta
WT 24/25	1720805	Common Futures - Reinterpreting African vernacular narratives for digital sustainable construction (Dörstelmann)	5 SWS	Project (P / 🗣️)	Dörstelmann, Witt, Kranz
WT 24/25	1731058	My Neighbourhood, My Street, My Block. Urban Scenarios for Freiburg Dietenbach (Neppl)	5 SWS	Project (P / 🗣️)	Neppl, Krüger, Hetey
WT 24/25	1731160	Matiçan / Pristina. Transform for Resilience (Engel)	5 SWS	Project (P / 🗣️)	Engel, Lev, Song
WT 24/25	1731210	Urban Block Passagehofquartier – From Karlsruhe's Backyard to the Urban Quarter of the Future (Bava)	5 SWS	/ 🗣️	Bava, Ehmman, Seitz
WT 24/25	1731260	Black Houses (Inderbitzin)	5 SWS	Project (P / 🗣️)	Inderbitzin, Schork, von Zepelin

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

Competence Certificate

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 events related to this course:

V	GRID (Frohn) 1710102, SS 2024, 8 SWS, Language: German/English, Open in study portal	Project (PRO) On-Site
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Content

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

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

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

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

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

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

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

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

First Meeting: 18.04.2024, 10:30 pm, Studio

Mandatory Excursion: 25-28.04.2024

Presentation: 31.07.2024

**Architecture Academy in Leipzig (Morger)**1710204, SS 2024, 8 SWS, Language: German, [Open in study portal](#)**Project (PRO)**
On-Site**Content**

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

1st meeting : Thursday 18.04.2024, in Room 113 Seminar Room GBL.**Field trip:** Thursday 25.04. to Sun 28.04.2024.**Delivery of plans and model:** Friday 26.07.2024**Final critique:** 31.07. und 01.08.2024**Spaces for learning. Horizontal ambiguities (Hartmann)**1710302, SS 2024, 8 SWS, Language: English, [Open in study portal](#)**Project (PRO)**
On-Site**Content**

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

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

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

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

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

Language: English

Appointments: Thursday, 10 - 18h

First Meeting: 18.04.2024, 10:00 AM R204

Excursion: 26.04.24 - 28.04.24

Final Presentation: 29.07.-31.07.2024

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

Form: Individual work

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

**INSIDE OUT - Space for Opportunities (Weyell/Zipse)**1710308, SS 2024, 5 SWS, Language: German/English, [Open in study portal](#)**Project (PRO)**
On-Site

Content

Climate change and the associated consequences for people and the environment require us to question our building practice. Dealing with existing buildings is the key to resource-conserving construction. But how can we make buildings fit for future climatic and social changes - beyond mere refurbishment?

This semester, we want to explore the potential of climatic buffer zones in an experimental, design-led and constructive way. Zones, that are not clearly defined as indoor or outdoor spaces and can change their nature, offering spaces for opportunities. For example, a winter garden that can be transformed into a ventilated, shady outdoor living room by opening the windows in summer, or a market hall that can be turned into an open-air cinema by sliding open the roof.

In our quest for simple low-tech solutions, we will densify an urban quarter in Karlsruhe that is in need of redevelopment. Particularly when working with existing buildings, zones with different temperatures - efficiently insulated or flooded with air - can add a new quality with previously missing features. A deliberate reduction of comfort - such as less heated area in favor of more space in buffer zones - can be an added value and used as a driving force for innovative solutions. We are looking for future-oriented architecture that questions existing conventions and deals with constructive issues as well as social and societal aspects.

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

First meeting: 18.04.2024., 10.00 AM, Building 20.40, R221

Excursion: 26./27.4.2024, Basel

Pin-Up: 16.05.2024, 27.06.2024

Submission: 26.07.2024

Final Presentation: 29./30.07.2024

Output: group work in teams of 2

**Vertical Living (Wappner)**

1720507, SS 2024, 8 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

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

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

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

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

Regular date: Thu 14:00-18:00

1st meeting on 18.04.2024 at 10:00 in R240

Intermediate critique 1: 16.05.2024

Intermediate critique 2: 20.06.2024

Final presentation: 30. - 31.07.2024

Compulsory excursion: 26. - 28.04.2024

Form of work: individual work

Study focus: Building Technology

**Top Up!* - Redensification Concepts for Würzburg Gartenstadt (Hebel)**

1720601, SS 2024, 5 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

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

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

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

First Meeting: 18.04.2024, Bldg. 20.40, Studio

Submission: 26.07.2024

Presentation: 29. - 31.07.2024

Form: Individual work

V

Constructive Reuse - Alongside Mustard and Mayo (Müller)

1720609, SS 2024, 8 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

The site of the mustard and mayonnaise factory Thomy + Franck in Basel, previously owned by Nestlé, has been partially sold. The part acquired by Kultquartier Immobilien AG, the "Franck Areal", will be transformed into a "hub for sustainability, circular economy, culture and local community". To date, some interim uses have been realized and the development of the site has begun. The parking lot in the southern part of the Franck-Areal is to be redeveloped for residential use in a perimeter block development in a few years. This semester, we will be working on the question of how the Franck-Areal can be used for housing in the future. Each group represents a fictional housing cooperative that is planning an exemplary section of the perimeter block development. Each group will design a multi-story residential building with a high proportion of reused components in the core and shell. In view of the high per capita consumption of living space and the acute need for living space in cities, the task is to develop innovative living concepts with versatile qualities for a diverse population through spatial and organizational synergies. Our goal is to design a building with the lowest possible consumption of resources. The choice of load-bearing structure is an important prerequisite for sustainable construction, and we integrate this into the thinking and design process right from the start. In the first few weeks, we develop load-bearing structures that use a high proportion of reclaimed materials and serve as the basis for the rest of the design.

www.franckareal.ch

Visiting Professorship - Kerstin Müller, Zirkular

First meeting: 18.04.2024, 9.30 a.m. (Geb. 11.40, Raum 026)

Mid critiques: 16.05.2024, 20.06.2024

Mandatory field trip: 26 - 28.04.2024, Basel

Final presentation: 31.07.2024

Form: groups of 2, masters students only

Study focus: Reuse

Language: German (table discussions in English possible)

The studio is linked to the structural design specialisation of the Design of Structures professorship

V

Silvergreen (von Both)

1720701, SS 2024, 8 SWS, Language: German, [Open in study portal](#)

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

Content

Welcome to (your) "Silbergrün" - the retreat for a fulfilling and active life, where every story counts. Immerse yourself in a world of security, where care becomes nurturing and where every facet of your day is filled with warmth. In our lovingly designed living environment, you will not only experience comfort, but also liveliness and self-determination. Enjoy the comfort of Carefree living in an environment that supports your needs and wishes.

The design content is the reflexive design of a residential complex for senior citizens in Karlsruhe's Waldstadt district. Sociological, psychological and geriatric aspects are to be taken into account to support the implementation of sensible care concepts. What will life be like in old age in the future? How can community be promoted through an attractive environment in order to prevent loneliness? Is it possible to realize new forms of living within current legal requirements?

First Meeting: Thu, 20.04.2023, 9:00 am, Seminar Room BLM

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

Exam: Tue, 30.07.2027, 09:00 am ; Wed, 31.07.2027, 09:00 am

Submission: Upload/submit design documents in Ilias by Friday, 26.07.2024, am

Number of Participants: 25

V

Global Threads (Dörstelmann)

1720805, SS 2024, 5 SWS, Language: English, [Open in study portal](#)

**Project (PRO)
On-Site****Content**

Global Threads: reinterpreting international vernacular narratives for digital sustainable construction

A global transformation to a circular economy requires far-reaching changes in the construction sector. From a global perspective, the majority of future construction activity will take place in high growth regions, which therefore offer the largest potential for avoiding global emissions. Digital design and production methods can enable innovative concepts for the use of renewable and natural materials in the construction industry, thus opening up solutions to these global challenges based on digital and circular construction methods.

This studio focuses on the international context and looks at vernacular construction methods worldwide to learn from different cultural and architectural approaches. We look for inspiration from different regions and eras to understand the diversity, effectiveness and sustainability of traditional building methods and reinterpret them through digital building processes.

At the interface between research and teaching, we test experimental concepts of circular construction and investigate their potential for the design, component manufacture and assembly of buildings as well as their reutilization, dismantling and recyclability. Based on initial research into vernacular construction methods and natural materials worldwide as well as digital manufacturing processes, we develop digital construction processes within the respective context and investigate their architectural potential.

Appointment: Thu 9.45 am – 5.15 pm

First Meeting: Thu 18.04.2024

Mid-term: 20.06.2024

Excursion: 25.04.- 28.04.2024

Presentation: 31.07.2024

Form: Individual work and group work

In combination with the Entwurfsvertiefung by Professur Digital Design and Fabrication (LV1720806)

No prior knowledge is required.

V

Urban Transformation - New Urban Planning Strategies for Beiertheimer Feld (Neppl)

1731086, SS 2024, 5 SWS, Language: German, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

The planning area Beiertheimer Feld is part of Karlsruhe's south-west city centre. Despite its central location within the city, the area is not very present in the perception of many Karlsruhe residents. The area is characterised by a very heterogeneous mix of residential and commercial functions, in which individual landmarks, high-rise buildings and large-scale hospital and educational facilities, as well as unfinished perimeter block structures and undeveloped areas contrast with one another.

The aim is to develop an urban development strategy across various scales, ranging from a framework plan for the entire area, to the design of a building ensemble in a focus area, including its schematic architectural formulation.

The project is looking for innovative concepts for a future-oriented model district that combines a diverse mix of uses and sustainable urban development. In the sense of a "What if...?" scenario, these projects show which urban qualities can be developed for the Beiertheimer Feld by new urban components and open spaces, and which potential synergy effects could be realised in interaction with the existing urban structures.

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

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

Pin-up: 16.05. and 20.06.2024

Presentation: 30.07.2024

Form: teamwork, individual work

Focus of study: Urban Design

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

**Inner City on the Edge. Freiburg. (Engel)**

1731160, SS 2024, 5 SWS, Language: German/English, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

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

Appointment: Thu

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

Excursion: 25.04.–26.04.2024

Pin-Up: Mon 13.05.2024, Thu 27.06.2024

Submission: Fri 26.07.2024

Presentation: Mon 29.07.2024

Form: Group of 2 students/Individual work

Recommendation: -

Focus of study: Urban Design

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

1731210, SS 2024, 5 SWS, Language: German, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

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

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

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

Intermediate critique: 16.05.24, 18.06.24

Mandatory excursion: 25.-26.04.24, Karlsruhe

Submission/presentation: 01.08.2024

Form of work: Group of two

Study focus: Urban planning

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

**Housing for Everyone (Multerer/Inderbitzin)**

1731260, SS 2024, 5 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

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

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

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

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

First Meeting: 18.4.2024, 10 am

(Bldg. 11.40, R 115)

Pin-Ups: to be announced

Mandatory excursion: Paris, travel dates will be announced

Submission/Presentation: 26.7.2024/1.8.2024

Form: Individual work or teamwork is possible

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

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

**S,M,L (Frohn)**

1710111, WS 24/25, 5 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

The single-family home is probably the most contested architectural trope of modern housing. Beloved by many as the built expression of personal ambition and loathed by others as proof of everything that has gone wrong architecturally and urbanistically.

The criticism hints at problems on various scales:

The inability of the single-family home to adjust to changing family constellations and demographic shifts is a principal culprit for the ever-growing spatial footprint which has reached an all-time high of 48 sqm per capita in Germany.

The individual houses are embedded within a territory isolating the neighboring parties through strict legal and architectural borders while at the same time maximizing land use and minimizing biodiversity.

The sprawl and almost surgical separation from all social infrastructures and places of work entails a complete reliance on automobile mobility.

The studio will explore the potential to transform the existing suburban condition through strategic design interventions on the three above-mentioned scales.

We will focus on one cluster of homes along "Waschbärenweg" in the largest conglomerate of single-family homes in Germany along the border of Berlin and Brandenburg.

Appointment: Thursdays

1st meeting: Thu, 24.10.24, 14:00

Submission/Examination: TBD

Number of participants: max. 25 students

Language: German / English

Excursion: Berlin



An homage to Auguste Perret's Le Havre(Morger)

1710206, WS 24/25, 5 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

An homage to Auguste Perret's Le Havre

Auguste Perret and his studio built a masterpiece of post-war architecture between 1945 and 1954 with the reconstruction of the Norman port city destroyed in the Second World War. Despite the integration of the traditional urban structure, the modern urban concept resulted in well-proportioned, open, and lively urban spaces. Concrete prefabrication was the fundamental principle; however, the result was an extremely diverse architecture ranging from outstanding representative buildings to intelligently balanced, beautiful housing floor plans. 20 Years after the city was inscribed on the UNESCO World Heritage List, new challenges have arisen in connection with its inner desiccation potential and the global climate crisis. The design class therefor searches for answers to these complex questions in terms of urban space, architecture, typology, and detailed design, intensively examines Auguste Perret's experiment and develops methods for a contemporary transformation through inspiration, imitation, interpretation, innovation. Lectures by external speakers complement the design course.

First meeting: 23.10.2024, 12:00 am, 20.40 R 113, Seminarraum Professur Gebäudelehre

Interim reviews 14.11.2024, 05.12.2024, 30.01.2025,

Compulsory excursion: 08.11.2024 – 10.11.2024, Le Havre

Submission/Exam 19.02.2025

Form: Individual work

Focus of study: Architectural and Cultural Heritage



Poly-Seasonal Architecture 3 REDUNDANCY (Hartmann)

1710303, WS 24/25, 5 SWS, Language: English, [Open in study portal](#)

Project (PRO)
On-Site

Content

The Master's Studio will explore the principle of redundancy in architecture.

Redundancy can be generally defined as having at least 1 more choice, than the absolute minimum needed for the system not to fail. Multiple levels of redundancy in a system exponentially increases the number of possible choices, whilst also reducing its efficiency.

Redundancy is also a safety principle, commonly applied in the design of building structures or their fire safety (min. 2 routes of egress). It means a system will still work, even if part of it fails.

Buildings are often designed fit-to-purpose for a specific program and use, and for maximum efficiency, eliminating any redundancy where possible. This often results in difficulties adapting to changes and ending their lifespan prematurely.

Students will use architectural tools and methods to explore how redundancy affects topics of spatial organization, circulation, structure or envelope, throughout the development of the studio project:

You will design for possibilities rather than for programs.

You will assess the role of redundancy to make a building resilient to changes (of climate, context, use or otherwise)

You will analyze existing structures and exploit their inherent redundancies as well as introduce new levels of redundancy.

The site of the studio will be Strasbourg, where we will specifically focus on the European institutions which have had an important role in the development of the city since 1949.

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 compile a 'thick description' of the site.

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

The projects will investigate the topic of redundancy and its application to the specific conditions of the site.

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

First meeting: 24.10.2024, 10:00 AM, Geb. 20.40 R204 Zeichensaal

Excursion: 09.-11.11.2024 / Strasbourg

Final Presentations: 20.02.2025

Output: individual or groups of two

V

Almost Always Empty – Buildings for Cars (Schlösser/Kirchner)

1710304, WS 24/25, 5 SWS, Language: German/English, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

Together we will look at a selection of existing buildings in the city of Berlin that are associated with (combustion) motorised private transport and have been heavily underused for a long time. With the transition from fossil fuels to renewable energies and the renegotiation of space requirements for different forms of mobility within urban society, in the near future a whole system of buildings can be transformed: Petrol stations, multi-storey car parks, parking decks, etc. will be up for disposition within the city.

With drawings the selected buildings and their surroundings will be recorded and analyzed as the basis for the design. Here we will deepen a special aspect of the new architectural interest in existing buildings: the value of the existing building is no longer measured only by its cultural status, but also by its potential to accommodate a spatial transformation and to develop a new architectural identity. In our studio we will explore this new value of the profane existing building. The aim is to understand what constitutes a resilient building and how future transformations and adaptations can be considered already during the design phase, whilst at the same time affirming an original architectural identity.

In terms of design the buildings of the car-orientated city will be transformed into urban houses: For living and working. Beyond the specific ideas for a new program the architectural designs will simultaneously be discussed according to their resilience to future changes, i.e. a certain neutrality of use. Based on the specifics of the existing buildings we are looking for architectures that give form to the social and ecological transformation.

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

First meeting: 24.10.2024, 10:00 AM, 20.40 R221

excursion: 09.11. - 11.11.2024 / Berlin

Pin-Ups: tba

Form: Individual work or teamwork

Submission/Exam: 20.02.2025

**Monastère Moderne: A Place of Contemplation (Entwurf Wappner)**1720503, WS 24/25, 5 SWS, Language: German/English, [Open in study portal](#)**Project (PRO)
On-Site****Content**

Monasteries have always been places of contemplation, silence and seclusion, where people retreat from the hustle and bustle of the world for a variety of reasons in order to find inner purification and peace through physical work, spiritual study and prayer. This traditional typology emerged as early as the 4th century from the idea of communal living together according to spiritual beliefs and from then on gained importance as a center of spiritual life not only in Christianity but also in many other cultures. The 'monastery' type, consisting of the sacred space at its heart, communal and meeting rooms, dormitories and outdoor agricultural facilities, has constantly adapted and changed over the course of history in line with the social and religious circumstances of its time.

Nowadays, the monastery as a purely religious institution has lost importance, as the number of religious communities continues to decline in modern, pluralistic society. In an increasingly secular society, more and more people are looking less for religious fulfillment and more for community, personal support and a meaningful activity. At the same time, there is a growing need for closeness to nature, peace and contemplation, far away from the hectic pace of modern life. The type of monastery is thus being reinterpreted worldwide - no longer just as a place of strict religious practice, but now as a non-denominational, protected retreat. A space for inner contemplation, time out, new communities, but also creative work and sensory perceptions.

Enriched by an excursion to historical monastery architecture in the region, we want to explore the question of how this millennia-old typology can be given a contemporary and forward-looking architectural expression with a new identity as a newly interpreted architectural structure.

Regular appointment: Thu 14:00-18:00

1st meeting on 24.10.2024 at 10:00 in R240

Intermediate critique 1: 28.11.2024

Intermediate critique 2: 16.01.2025

Final presentation: 20.02.2025

Compulsory excursion: 09.10. - 11.10.2024

Form of work: individual work

Organizational issues

nach Vereinbarung

**This is our house! Co-operative housing and living in Berlin (Entwurf Klinge/Rambow)**1720552, WS 24/25, 5 SWS, Language: German/English, [Open in study portal](#)**Project (PRO)
On-Site****Content**

The non-profit JOANES Foundation is organizing a competition for students for the first time for winter semester 24/25: Under the title "What do people do when they live?", a cooperative residential building with commercial space on the first floor is to be planned for a real property in Berlin. Projects selected by a jury will be further developed in a workshop process and the best entry will be realized. We are looking for a realistic utopia. Fundamental questions of coexistence in the city are to be addressed as well as sustainable construction concepts. The competition places great value on thorough research, comprehensible presentation and justification of the design decisions and a clear focus on human needs. Interdisciplinary approaches are expressly encouraged. In this joint design studio of the professorships "Construction and Design" and "Architectural Communication", we want to take up these demands with maximum seriousness and examine the topic of urban communal living from a design, constructive, ecological, economic, sociological and psychological perspective. We want to use a variety of research and documentation methods to develop forward-looking solutions that enable a diverse group of residents to say: This is our house! (Ton, Steine, Scherben: "Rauch-Haus-Song", 1972)

Dates:

Regular appointment: Thu 09:00-13:00

1. Meeting on 24.10.2024, 09:00 (Building 20.40, R240)

Intermediate critique 1: 05.12.2024

Intermediate critique 2: 23.01.2025

Submission/presentation: 20.02.2025

Compulsory excursion: Probably 09.11. - 11.11.2024

Form of work: Individual or group work (teams of 2)

Study focus: Construction technology

**HIRZBERG+ - Micro-Multifunctional Room for a Kindergarten in Freiburg (Hebel)**1720601, WS 24/25, 5 SWS, Language: German, [Open in study portal](#)**Project (PRO)
On-Site**

Content

The 'Haus für Kinder am Hirzberg' in Freiburg is characterised by its proximity to nature, built structures that have grown over time and space and an open room concept. In two existing buildings on a slope, which are connected by an intermediate building for access, the educational work of the team takes place in a homely atmosphere on different levels and always in close relation to the outdoors. The existing structure is complemented by a courtyard for the children to play in, which is protected by a small wooden tool shed facing the valley.

The kindergarten is now to be extended on its own site with a micro-multifunctional space, which is the focus of the semester assignment and which will subsequently be realised in cooperation with an architectural office based in Freiburg. The room will serve as a common and study room for staff as well as a room for curative education programmes and parent meetings. As the site is located within the "Roßkopf-Schloßberg" landscape conservation area, the preservation of the surrounding trees and copses as well as the protected wetland complex is an important design requirement. Particular importance is also attached to the spatial relationship between the existing buildings on the Hirzberg slope and the new spatial structure that is being created towards the valley, which should fit into the local landscape and provide a cosy atmosphere for the kindergarten staff.

The design is aiming for a detailed examination of the resulting environmental effects, building economics, structural engineering and building physics issues, as well as the use of resource-friendly, pure building materials such as renewable and secondary building materials, sustainable, circular construction methods and their design-related effects on function and aesthetics with planning up to a scale of 1:1.

First Meeting: 24.10.2024, 09.30 am (Bldg. tbd, R tbd)

Excursion: 15.11.2024, Freiburg

Pin-Up: 11.12.2024

Submission: 19.02.2025

Presentation: 21.02.2025

Form: Individual work

**Live.Zip - Unzip Resources (Müller)**

1720609, WS 24/25, 5 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

To rewrite buildings that have fallen out of use in the spirit of the Bauwende requires care. Care that, in addition to analysing the architectural and material substance, develops an understanding of the local building culture and social conditions. Critically scrutinising existing ideas for subsequent use and formulating counter-concepts that are supported by arguments are fundamental.

This semester, we focus on a typical 70s building complex in the city of Karlsruhe. These post-war structures, associated with structuralism, are characterized by their strict grid layout and horizontal façade design. Such buildings offer significant potential for adaptive reuse and serve as examples for numerous similar types.

The current plan for the site involves demolishing the existing structures to make way for dense residential development. We will counter this scenario with an alternative proposal.

We set ourselves the challenge of developing and representing a sensible (residential) use in and around the existing buildings by means of reorganisation, addition and subtraction.

1st meeting: 24.10. 2024, (Bldg. 11.40, R026

Mid critiques: to be announced

Excursion: 10 - 11.11.2024, Basel

Submission/Presentation: 20.02.2025

Form: groups of 2

Focus of study: Architectural and Cultural Heritage

**A new Market Hall for Karlsruhe (von Both)**

1720701, WS 24/25, 5 SWS, Language: German, [Open in study portal](#)

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

Content

Market halls are multifunctional spaces whose significance extends far beyond their original commercial function. They serve as central hubs of social life and cultural exchange, while also making an important contribution to sustainable urban development and regional production cycles.

On the site of today's Badisches Staatstheater in the Südstadt district, there stood a market hall built in 1934, which remained until the 1970s. This hall was a key component of the city's commercial infrastructure and an important social gathering place, also serving cultural purposes. For instance, in 1967, the 15th "Exhibition Karlsruhe" of the German Artists Association was held in the old market hall in cooperation with the Badischer Kunstverein.

In 1970—during a time when other retail concepts like large shopping centers on the outskirts (Big Box Stores) were favored—the market hall was closed, and the building was demolished to make way for the construction of the Badisches Staatstheater. Citizens were promised a replacement, but this was only partially fulfilled with the "Großmarkt Karlsruhe" on Weinweg, located further out, which served a very limited customer base (commercial resellers).

As evidenced by the current challenges faced by department store chains and the high vacancy rates in traditional retail spaces in pedestrian zones, shopping and consumption behaviors have changed significantly. Consumers increasingly value unique shopping experiences, sustainability, and quality over the purchase of mass-produced goods when shopping in person.

As part of this design project, the potential of market halls—with their flexible offerings compared to traditional department stores, their proximity to customers, and their sustainable regional production cycles—will be explored. Can they provide an alternative concept to the highly commercialized shopping malls by offering an authentic and regional shopping experience, as well as integrating social and cultural offerings and services, thereby supporting the local economy and craftsmanship?

Building on a general potential analysis of the "market hall" typology, a sustainable usage concept (spatial program) will be developed for the Karlsruhe location. This concept will derive its added value from the synergies of trade combined with other offerings, such as sociocultural and culinary services, while enabling regional food systems. Additionally, a suitable location in Karlsruhe, aligned with the usage concept, will be identified. The planning implementation will be carried out in close coordination with the Chair of Building Technology (Prof. Dr. Rosemarie Wagner) at a scale appropriate to the project size.

Examination of Other Types / Special Examination

Regular meetings: Thu. 09:00 am -13:00 pm

First meeting: Thursday, den 10/24/2024, 9:00 am, Seminar Room BLM

Submission/Exam: Thursday, 02/20/2025

Organizational issues

Master

Regeltermin: Do. 09:00-13:00 Uhr

1. Treffen: Donnerstag, den 24.10.2024, 9:00 Uhr, Seminarraum BLM

Prüfungstag: 20.02.2025

Regular meetings: Thu. 09:00 am -13:00 pm

First meeting: Thursday, den 10/24/2024, 9:00 am, Seminar Room BLM

Submission/Exam: Thursday, 02/20/2025

**Simply better building - Theresienareal Pforzheim**

1720706, WS 24/25, 5 SWS, Language: German/English, [Open in study portal](#)

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

Content

Building in Germany is too complicated and too expensive. In our design work, we address these problems and fundamentally rethink the design, planning and operation of buildings.

To this end, we analyze and evaluate the established processes, roles and rules of today's construction and, building on this, develop innovative structures for more effective processes in the planning and operation of buildings. To this end, we introduce AI, lean construction and distributed ledger methods and apply them to architectural processes. Their concepts should ultimately enable significantly cheaper and more effective properties while maintaining the same quality criteria and supporting sustainable management.

The Theresienareal in the "Arlinger district" in Pforzheim serves as a planning example. We are planning a building ensemble with an integrated daycare center, apartments suitable for senior citizens and daycare on a 2,700 sqm site. In this context, we are also exploring the principles of cooperative building and receiving feedback from a local building cooperative.

Other types of examination

Regular meetings: Thursdays 9:00 am - 13:00 pm

First meeting: Thursday, 10/24/2024, 14:00 pm, BLM

Submission/Exam: Wednesday, 02/19/2025, BLM

V

Common Futures - Reinterpreting African vernacular narratives for digital sustainable construction (Dörstelmann)

1720805, WS 24/25, 5 SWS, Language: English, [Open in study portal](#)

Project (PRO)
On-Site

Content

A global transformation towards a circular economy requires local changes in the construction sector. A large proportion of future global construction activity will take place in growth regions, which therefore offer the greatest potential for avoiding emissions. Digital design and manufacturing methods can enable innovative concepts for the use of renewable and natural materials in construction, thus opening up solutions to these global challenges based on digital and circular construction methods.

The potential of digital technologies for sustainable construction must be redefined and researched in each case from the specific local socio-economic, climatic and architectural context. In this studio, we are focusing on the African continent in order to learn from the heterogeneous cultural and architectural approaches of traditional construction methods in different African regions.

We develop experimental concepts of circular construction in dialogue with local partners and assess their transformation potential in terms of both prototypical implementation and their chances of bringing about long-term sustainable change towards climate-friendly construction.

The collective insights gained from the studio will be applied in the context of a construction week in Africa in summer 2025, in preparation for a longer-term international engagement of the professorship.

First Meeting: 24.10.2024, (Bldg. 20.40, R 133)

Pin-Up: 19.12.2024

Excursion: 09.-11.11.2024

Submission/Presentation: 20.02.2025

Form: Individual work and teamwork

Focus of study: Building Technology

No prior knowledge is required.

V

My Neighbourhood, My Street, My Block. Urban Scenarios for Freiburg Dietenbach (Neppl)

1731058, WS 24/25, 5 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

The shortage of affordable housing has been one of the most urgent issues for years. To address the housing crisis, the city of Freiburg plans a new urban neighbourhood for 16.000 residents.

The existing framework development plan (Rahmenplan) Freiburg Dietenbach serves as the background and starting point for the design course. With the recent publication of the first land-use plan (Bebauungsplan), the urban extension project Dietenbach is at the intersection between urban design and architecture.

The design course aims to analyse, reinterpret, and further develop the existing framework plan into a new urban neighbourhood and, in a second phase, to develop a detailed architectural concept. The concept of the open block anchored in the framework development plan serves as the design guideline for the course. It offers different building typologies, architectural diversity and flexible floor plans.

The design course will focus on the urban and architectural impact of different typologies and their floor plans and facades, as well as the transition and connection between architecture, urban planning and open space planning.

Regular date:	Thu, 9:45 am-1:00 pm, Bldg.11.40, R015
1st meeting:	24.10.2024
Interim critique:	05.12.2024 and 16.01.2025
Mandatory meeting:	31.10.2024 Introduction workshop and site visit
Submission/examination:	20.02.2025
Form:	Teamwork (groups of 2 or 3)
Study focus:	Urban design
Recommendation:	at least 1 completed design

**Matiçan / Pristina. Transform for Resilience (Engel)**1731160, WS 24/25, 5 SWS, Language: English, [Open in study portal](#)**Project (PRO)
On-Site****Content**

Pristina is struggling with many crises. After the collapse of the socialist planned economy and the end of the war in the former Yugoslavia, Pristina experienced a period of extensive and uncontrolled construction activity. The rapidly growing population led to a housing shortage. There are few usable public spaces, many squares are neglected, and there is a lack of places for recreation as well as green and retention areas. The transport infrastructure is completely overloaded. A lack of governance structures and weak institutions encourage corruption and illegal developments. At the same time, Pristina has developed into a center of creativity and innovation. With a vibrant creative scene, it has become a major attraction in Kosovo, especially for young people.

Matiçan, a suburban neighborhood 3 km southeast of the city center, has also grown rapidly in recent years without a coherent plan and suffers from a lack of social and technical infrastructure. The studio's task is to develop strategies and concepts for the resilient development of Matiçan at different scales. Part of the studio is an excursion in November 2024 that will be financially supported by the DAAD. The workshop in Pristina is organized in cooperation with the University of Pristina, the University for Business and Technology (Pristina), and the Odessa State Academy of Civil Engineering and Architecture.

Appointment: Thu

First Meeting: Thu 24.10.2024, 10:00, 11.40 R013

Excursion: about 8 days in the period from 07.11. to 14.11.2024

Pin-Up: Thu 05.12.2024, Tue 21.01.2025

Submission: Wed 19.02.2025

Presentation: Thu 20.02.2025

Form: Individual work, Teamwork (2)

Focus of Study: Urban Design

Number of Participants: 15+2 (BA/MA)

**Urban Block Passagehofquartier – From Karlsruhe's Backyard to the Urban Quarter of the Future (Bava)**1731210, WS 24/25, 5 SWS, Language: German, [Open in study portal](#)**On-Site****Content**

Karlsruhe's city center has a wide range of cultural, gastronomic and retail offerings, is well connected by public transport and yet is experiencing an identity crisis. The mobility transformation, climate change and digitalization are changing the perception of urban space and, especially against the backdrop of climate change; dense building structures and the high degree of sealing pose a challenge. And changing social habits are increasingly calling the city center into question as a center of consumption. How can a city center remain lively and diverse in the future? What qualities do the heterogeneous "back sides" of the city center offer in a planned city like Karlsruhe? How can the diverse requirements and high pressure of use in a city center be managed in such a way that high-quality and sustainable urban spaces and districts are nevertheless created?

Based on a detailed analysis of the historical, spatial and use-specific development of Karlsruhe's city centre districts, the Passagehof is to be developed as a future-oriented and exemplary urban building block. The objective is to develop concrete and implementable concepts for the very diverse public space: the aim is to harmonise private and public interests as well as social and commercial functions in the urban space in order to create stable urban ecosystems that can develop their resilience, liveability and charm from within and radiate into the neighbouring city space in a specific way.

First Meeting: Thu 24.10.24 14:00,

Bldg. 11.40, Room 122

1.PinUp: Thu 21.11.24 10:00

2.PinUp: Thu 19.12.24 10:00

Submission/Exam: Thu 20.02.25 10:00

Form: Groups of two people

Focus of study: Urban Design

V

Black Houses (Inderbitzin)1731260, WS 24/25, 5 SWS, Language: German, [Open in study portal](#)**Project (PRO)
On-Site****Content**

Next semester we will be designing large wooden houses. We want to explore an architecture in which time and material are expressively interwoven. The temporal dimension is particularly apparent in wood: in the annual rings of a tree trunk, in the shape of a wooden joint, or in the charring of continuous weathering by sun, wind and rain.

Irrespective of whether a house is conceived as permanent or ephemeral, we assume a non finito for the projects, i.e. buildings without completion, use and decay. The linear understanding of time gives way to a cyclical one, which is why the ongoing construction, maintenance and care of the houses also becomes formative. We are talking about open forms in which change is inherent. And structures with components that have different functions and meanings: load-bearing, separating, protective and symbolic, as well as durable and ephemeral woods.

The starting point for the design of the large wooden houses is the tree trunk, which is sawn into beams, planks and boards. In experimental trials on the model, the unglued timbers are joined to form load-bearing and spatial structures for living and working.

The semester is accompanied by contributions and critiques from experts. The integrated specialisation serves to lay the foundations and build the knowledge for design. On the excursion to Switzerland we will have a look at some wooden houses.

First Meeting: 24.10.2024, 10 am (Bldg. 11.40, R 115)

Pin-Ups: to be announced

Mandatory excursion: Switzerland

Submission/Presentation: 20.2.2025

Form: Individual work or teamwork is possible

English is possible for the discussions of the projects

T

4.11 Course: Design Project 1 [T-ARCH-107445]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: M-ARCH-105670 - Building Design Project

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

Events					
ST 2024	1710102	GRID (Frohn)	8 SWS	Project (P / 🎧)	Frohn, Gazzillo, Gernay, Streicher
ST 2024	1710204	Architecture Academy in Leipzig (Morger)	8 SWS	Project (P / 🎧)	Morger, Kunkel, Zaparta
ST 2024	1710302	Spaces for learning. Horizontal ambiguities (Hartmann)	8 SWS	Project (P / 🎧)	Hartmann, Coricelli, Kadid, Vansteenkiste
ST 2024	1710308	INSIDE OUT - Space for Opportunities (Weyell/Zipse)	5 SWS	Project (P / 🎧)	Brasanac, Weyell, Zipse
ST 2024	1720507	Vertical Living (Wappner)	8 SWS	Project (P / 🎧)	Wappner, Hörmann, Häberle, Wang, Kochhan, Calavetta
ST 2024	1720601	Top Up!* - Redensification Concepts for Würzburg Gartenstadt (Hebel)	5 SWS	Project (P / 🎧)	Hebel, Hoss, Rausch
ST 2024	1720609	Constructive Reuse - Alongside Mustard and Mayo (Müller)	8 SWS	Project (P / 🎧)	Müller, Gerteiser, Läufer
ST 2024	1720701	Silvergreen (von Both)	8 SWS	Project (P / 🎧)	von Both, Sartorius, Seiler-Cuesta
ST 2024	1720805	Global Threads (Dörstelmann)	5 SWS	Project (P / 🎧)	Dörstelmann, Kranz, Witt
ST 2024	1731260	Housing for Everyone (Multerer/ Inderbitzin)	5 SWS	Project (P / 🎧)	Inderbitzin, Multerer, Schork, Zickert, Zlokapa, von Zepelin
WT 24/25	1710111	S,M,L (Frohn)	5 SWS	Project (P / 🎧)	Frohn, Wasel, Streicher
WT 24/25	1710206	An homage to Auguste Perret's Le Havre(Morger)	5 SWS	Project (P / 🎧)	Morger, Zaparta, Schneider, Amon
WT 24/25	1710303	Poly-Seasonal Architecture 3 REDUNDANCY (Hartmann)	5 SWS	Project (P / 🎧)	Hartmann, Coricelli, Kadid, Vansteenkiste
WT 24/25	1710304	Almost Always Empty – Buildings for Cars (Schlösser/Kirchner)	5 SWS	Project (P / 🎧)	Brasanac
WT 24/25	1720503	Monastère Moderne: A Place of Contemplation (Entwurf Wappner)	5 SWS	Project (P / 🎧)	Wappner, Kochhan, Wang, Calavetta, Huismans, Häberle, Hörmann
WT 24/25	1720552	This is our house! Co-operative housing and living in Berlin (Entwurf Klinge/Rambow)	5 SWS	Project (P / 🎧)	Klinge, Rambow, Michalski, Weber, Alkadi
WT 24/25	1720601	HIRZBERG+ - Micro-Multifunctional Room for a Kindergarten in Freiburg (Hebel)	5 SWS	Project (P / 🎧)	Hebel, Boerman
WT 24/25	1720609	Live.Zip - Unzip Resources (Müller)	5 SWS	Project (P / 🎧)	Müller, Gerteiser, Busse
WT 24/25	1720701	A new Market Hall for Karlsruhe (von Both)	5 SWS	Project (P / 🎧)	von Both, Seiler-Cuesta, Sartorius

WT 24/25	1720706	Simply better building - Theresienareal Pforzheim	5 SWS	Project (P / 🌀)	Koch, von Both, Seiler-Cuesta
WT 24/25	1720805	Common Futures - Reinterpreting African vernacular narratives for digital sustainable construction (Dörstelmann)	5 SWS	Project (P / 🌀)	Dörstelmann, Witt, Kranz
WT 24/25	1731260	Black Houses (Inderbitzin)	5 SWS	Project (P / 🌀)	Inderbitzin, Schork, von Zepelin

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

Competence Certificate

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.

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

V

GRID (Frohn)

1710102, SS 2024, 8 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

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

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

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

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

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

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

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

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

First Meeting: 18.04.2024, 10:30 pm, Studio

Mandatory Excursion: 25-28.04.2024

Presentation: 31.07.2024

V

Architecture Academy in Leipzig (Morger)

1710204, SS 2024, 8 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

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

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

Field trip: Thursday 25.04. to Sun 28.04.2024.

Delivery of plans and model: Friday 26.07.2024

Final critique: 31.07. und 01.08.2024

**Spaces for learning. Horizontal ambiguities (Hartmann)**

1710302, SS 2024, 8 SWS, Language: English, [Open in study portal](#)

Project (PRO)
On-Site

Content

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

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

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

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

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

Language: English

Appointments: Thursday, 10 - 18h

First Meeting: 18.04.2024, 10:00 AM R204

Excursion: 26.04.24 - 28.04.24

Final Presentation: 29.07.-31.07.2024

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

Form: Individual work

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

**INSIDE OUT - Space for Opportunities (Weyell/Zipse)**

1710308, SS 2024, 5 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

Climate change and the associated consequences for people and the environment require us to question our building practice. Dealing with existing buildings is the key to resource-conserving construction. But how can we make buildings fit for future climatic and social changes - beyond mere refurbishment?

This semester, we want to explore the potential of climatic buffer zones in an experimental, design-led and constructive way. Zones, that are not clearly defined as indoor or outdoor spaces and can change their nature, offering spaces for opportunities. For example, a winter garden that can be transformed into a ventilated, shady outdoor living room by opening the windows in summer, or a market hall that can be turned into an open-air cinema by sliding open the roof.

In our quest for simple low-tech solutions, we will densify an urban quarter in Karlsruhe that is in need of redevelopment. Particularly when working with existing buildings, zones with different temperatures - efficiently insulated or flooded with air - can add a new quality with previously missing features. A deliberate reduction of comfort - such as less heated area in favor of more space in buffer zones - can be an added value and used as a driving force for innovative solutions. We are looking for future-oriented architecture that questions existing conventions and deals with constructive issues as well as social and societal aspects.

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

First meeting: 18.04.2024., 10.00 AM, Building 20.40, R221

Excursion: 26./27.4.2024, Basel

Pin-Up: 16.05.2024, 27.06.2024

Submission: 26.07.2024

Final Presentation: 29./30.07.2024

Output: group work in teams of 2

V

Vertical Living (Wappner)

1720507, SS 2024, 8 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

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

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

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

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

Regular date: Thu 14:00-18:00

1st meeting on 18.04.2024 at 10:00 in R240

Intermediate critique 1: 16.05.2024

Intermediate critique 2: 20.06.2024

Final presentation: 30. - 31.07.2024

Compulsory excursion: 26. - 28.04.2024

Form of work: individual work

Study focus: Building Technology

V

Top Up!* - Redensification Concepts for Würzburg Gartenstadt (Hebel)

1720601, SS 2024, 5 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

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

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

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

First Meeting: 18.04.2024, Bldg. 20.40, Studio

Submission: 26.07.2024

Presentation: 29. - 31.07.2024

Form: Individual work

V

Constructive Reuse - Alongside Mustard and Mayo (Müller)

1720609, SS 2024, 8 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

The site of the mustard and mayonnaise factory Thomy + Franck in Basel, previously owned by Nestlé, has been partially sold. The part acquired by Kultquartier Immobilien AG, the "Franck Areal", will be transformed into a "hub for sustainability, circular economy, culture and local community". To date, some interim uses have been realized and the development of the site has begun. The parking lot in the southern part of the Franck-Areal is to be redeveloped for residential use in a perimeter block development in a few years. This semester, we will be working on the question of how the Franck-Areal can be used for housing in the future. Each group represents a fictional housing cooperative that is planning an exemplary section of the perimeter block development. Each group will design a multi-story residential building with a high proportion of reused components in the core and shell. In view of the high per capita consumption of living space and the acute need for living space in cities, the task is to develop innovative living concepts with versatile qualities for a diverse population through spatial and organizational synergies. Our goal is to design a building with the lowest possible consumption of resources. The choice of load-bearing structure is an important prerequisite for sustainable construction, and we integrate this into the thinking and design process right from the start. In the first few weeks, we develop load-bearing structures that use a high proportion of reclaimed materials and serve as the basis for the rest of the design.

www.franckareal.ch

Visiting Professorship - Kerstin Müller, Zirkular

First meeting: 18.04.2024, 9.30 a.m. (Geb. 11.40, Raum 026)

Mid critiques: 16.05.2024, 20.06.2024

Mandatory field trip: 26 - 28.04.2024, Basel

Final presentation: 31.07.2024

Form: groups of 2, masters students only

Study focus: Reuse

Language: German (table discussions in English possible)

The studio is linked to the structural design specialisation of the Design of Structures professorship

V

Silvergreen (von Both)

1720701, SS 2024, 8 SWS, Language: German, [Open in study portal](#)

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

Content

Welcome to (your) "Silbergrün" - the retreat for a fulfilling and active life, where every story counts. Immerse yourself in a world of security, where care becomes nurturing and where every facet of your day is filled with warmth. In our lovingly designed living environment, you will not only experience comfort, but also liveliness and self-determination. Enjoy the comfort of Carefree living in an environment that supports your needs and wishes.

The design content is the reflexive design of a residential complex for senior citizens in Karlsruhe's Waldstadt district. Sociological, psychological and geriatric aspects are to be taken into account to support the implementation of sensible care concepts. What will life be like in old age in the future? How can community be promoted through an attractive environment in order to prevent loneliness? Is it possible to realize new forms of living within current legal requirements?

First Meeting: Thu, 20.04.2023, 9:00 am, Seminar Room BLM

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

Exam: Tue, 30.07.2027, 09:00 am ; Wed, 31.07.2027, 09:00 am

Submission: Upload/submit design documents in Ilias by Friday, 26.07.2024, am

Number of Participants: 25

V

Global Threads (Dörstelmann)

1720805, SS 2024, 5 SWS, Language: English, [Open in study portal](#)

**Project (PRO)
On-Site****Content**

Global Threads: reinterpreting international vernacular narratives for digital sustainable construction

A global transformation to a circular economy requires far-reaching changes in the construction sector. From a global perspective, the majority of future construction activity will take place in high growth regions, which therefore offer the largest potential for avoiding global emissions. Digital design and production methods can enable innovative concepts for the use of renewable and natural materials in the construction industry, thus opening up solutions to these global challenges based on digital and circular construction methods.

This studio focuses on the international context and looks at vernacular construction methods worldwide to learn from different cultural and architectural approaches. We look for inspiration from different regions and eras to understand the diversity, effectiveness and sustainability of traditional building methods and reinterpret them through digital building processes.

At the interface between research and teaching, we test experimental concepts of circular construction and investigate their potential for the design, component manufacture and assembly of buildings as well as their reutilization, dismantling and recyclability. Based on initial research into vernacular construction methods and natural materials worldwide as well as digital manufacturing processes, we develop digital construction processes within the respective context and investigate their architectural potential.

Appointment: Thu 9.45 am – 5.15 pm

First Meeting: Thu 18.04.2024

Mid-term: 20.06.2024

Excursion: 25.04.- 28.04.2024

Presentation: 31.07.2024

Form: Individual work and group work

In combination with the Entwurfsvertiefung by Professur Digital Design and Fabrication (LV1720806)

No prior knowledge is required.

V

Housing for Everyone (Multerer/Inderbitzin)

1731260, SS 2024, 5 SWS, Language: German/English, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

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

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

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

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

First Meeting: 18.4.2024, 10 am

(Bldg. 11.40, R 115)

Pin-Ups: to be announced

Mandatory excursion: Paris, travel dates will be announced

Submission/Presentation: 26.7.2024/1.8.2024

Form: Individual work or teamwork is possible

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

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

**S,M,L (Frohn)**

1710111, WS 24/25, 5 SWS, Language: German/English, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

The single-family home is probably the most contested architectural trope of modern housing. Beloved by many as the built expression of personal ambition and loathed by others as proof of everything that has gone wrong architecturally and urbanistically.

The criticism hints at problems on various scales:

The inability of the single-family home to adjust to changing family constellations and demographic shifts is a principal culprit for the ever-growing spatial footprint which has reached an all-time high of 48 sqm per capita in Germany.

The individual houses are embedded within a territory isolating the neighboring parties through strict legal and architectural borders while at the same time maximizing land use and minimizing biodiversity.

The sprawl and almost surgical separation from all social infrastructures and places of work entails a complete reliance on automobile mobility.

The studio will explore the potential to transform the existing suburban condition through strategic design interventions on the three above-mentioned scales.

We will focus on one cluster of homes along "Waschbärenweg" in the largest conglomerate of single-family homes in Germany along the border of Berlin and Brandenburg.

Appointment: Thursdays

1st meeting: Thu, 24.10.24, 14:00

Submission/Examination: TBD

Number of participants: max. 25 students

Language: German / English

Excursion: Berlin

**An homage to Auguste Perret's Le Havre(Morger)**

1710206, WS 24/25, 5 SWS, Language: German, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

An homage to Auguste Perret's Le Havre

Auguste Perret and his studio built a masterpiece of post-war architecture between 1945 and 1954 with the reconstruction of the Norman port city destroyed in the Second World War. Despite the integration of the traditional urban structure, the modern urban concept resulted in well-proportioned, open, and lively urban spaces. Concrete prefabrication was the fundamental principle; however, the result was an extremely diverse architecture ranging from outstanding representative buildings to intelligently balanced, beautiful housing floor plans. 20 Years after the city was inscribed on the UNESCO World Heritage List, new challenges have arisen in connection with its inner desiccation potential and the global climate crisis. The design class therefore searches for answers to these complex questions in terms of urban space, architecture, typology, and detailed design, intensively examines Auguste Perret's experiment and develops methods for a contemporary transformation through inspiration, imitation, interpretation, innovation. Lectures by external speakers complement the design course.

First meeting: 23.10.2024, 12:00 am, 20.40 R 113, Seminarraum Professur Gebäudelehre

Interim reviews 14.11.2024, 05.12.2024, 30.01.2025,

Compulsory excursion: 08.11.2024 – 10.11.2024, Le Havre

Submission/Exam 19.02.2025

Form: Individual work

Focus of study: Architectural and Cultural Heritage

V

Poly-Seasonal Architecture 3 REDUNDANCY (Hartmann)

1710303, WS 24/25, 5 SWS, Language: English, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

The Master's Studio will explore the principle of redundancy in architecture.

Redundancy can be generally defined as having at least 1 more choice, than the absolute minimum needed for the system not to fail. Multiple levels of redundancy in a system exponentially increases the number of possible choices, whilst also reducing its efficiency.

Redundancy is also a safety principle, commonly applied in the design of building structures or their fire safety (min. 2 routes of egress). It means a system will still work, even if part of it fails.

Buildings are often designed fit-to-purpose for a specific program and use, and for maximum efficiency, eliminating any redundancy where possible. This often results in difficulties adapting to changes and ending their lifespan prematurely.

Students will use architectural tools and methods to explore how redundancy affects topics of spatial organization, circulation, structure or envelope, throughout the development of the studio project:

You will design for possibilities rather than for programs.

You will assess the role of redundancy to make a building resilient to changes (of climate, context, use or otherwise)

You will analyze existing structures and exploit their inherent redundancies as well as introduce new levels of redundancy.

The site of the studio will be Strasbourg, where we will specifically focus on the European institutions which have had an important role in the development of the city since 1949.

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 compile a 'thick description' of the site.

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

The projects will investigate the topic of redundancy and its application to the specific conditions of the site.

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

First meeting: 24.10.2024, 10:00 AM, Geb. 20.40 R204 Zeichensaal

Excursion: 09.-11.11.2024 / Strasbourg

Final Presentations: 20.02.2025

Output: individual or groups of two

V

Almost Always Empty – Buildings for Cars (Schlösser/Kirchner)

1710304, WS 24/25, 5 SWS, Language: German/English, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

Together we will look at a selection of existing buildings in the city of Berlin that are associated with (combustion) motorised private transport and have been heavily underused for a long time. With the transition from fossil fuels to renewable energies and the renegotiation of space requirements for different forms of mobility within urban society, in the near future a whole system of buildings can be transformed: Petrol stations, multi-storey car parks, parking decks, etc. will be up for disposition within the city.

With drawings the selected buildings and their surroundings will be recorded and analyzed as the basis for the design. Here we will deepen a special aspect of the new architectural interest in existing buildings: the value of the existing building is no longer measured only by its cultural status, but also by its potential to accommodate a spatial transformation and to develop a new architectural identity. In our studio we will explore this new value of the profane existing building. The aim is to understand what constitutes a resilient building and how future transformations and adaptations can be considered already during the design phase, whilst at the same time affirming an original architectural identity.

In terms of design the buildings of the car-orientated city will be transformed into urban houses: For living and working. Beyond the specific ideas for a new program the architectural designs will simultaneously be discussed according to their resilience to future changes, i.e. a certain neutrality of use. Based on the specifics of the existing buildings we are looking for architectures that give form to the social and ecological transformation.

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

First meeting: 24.10.2024, 10:00 AM, 20.40 R221

excursion: 09.11. - 11.11.2024 / Berlin

Pin-Ups: tba

Form: Individual work or teamwork

Submission/Exam: 20.02.2025



Monastère Moderne: A Place of Contemplation (Entwurf Wappner)

1720503, WS 24/25, 5 SWS, Language: German/English, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

Monasteries have always been places of contemplation, silence and seclusion, where people retreat from the hustle and bustle of the world for a variety of reasons in order to find inner purification and peace through physical work, spiritual study and prayer. This traditional typology emerged as early as the 4th century from the idea of communal living together according to spiritual beliefs and from then on gained importance as a center of spiritual life not only in Christianity but also in many other cultures. The 'monastery' type, consisting of the sacred space at its heart, communal and meeting rooms, dormitories and outdoor agricultural facilities, has constantly adapted and changed over the course of history in line with the social and religious circumstances of its time.

Nowadays, the monastery as a purely religious institution has lost importance, as the number of religious communities continues to decline in modern, pluralistic society. In an increasingly secular society, more and more people are looking less for religious fulfillment and more for community, personal support and a meaningful activity. At the same time, there is a growing need for closeness to nature, peace and contemplation, far away from the hectic pace of modern life. The type of monastery is thus being reinterpreted worldwide - no longer just as a place of strict religious practice, but now as a non-denominational, protected retreat. A space for inner contemplation, time out, new communities, but also creative work and sensory perceptions.

Enriched by an excursion to historical monastery architecture in the region, we want to explore the question of how this millennia-old typology can be given a contemporary and forward-looking architectural expression with a new identity as a newly interpreted architectural structure.

Regular appointment: Thu 14:00-18:00

1st meeting on 24.10.2024 at 10:00 in R240

Intermediate critique 1: 28.11.2024

Intermediate critique 2: 16.01.2025

Final presentation: 20.02.2025

Compulsory excursion: 09.10. - 11.10.2024

Form of work: individual work

Organizational issues

nach Vereinbarung



This is our house! Co-operative housing and living in Berlin (Entwurf Klinge / Rambow)

1720552, WS 24/25, 5 SWS, Language: German/English, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

The non-profit JOANES Foundation is organizing a competition for students for the first time for winter semester 24/25: Under the title "What do people do when they live?", a cooperative residential building with commercial space on the first floor is to be planned for a real property in Berlin. Projects selected by a jury will be further developed in a workshop process and the best entry will be realized. We are looking for a realistic utopia. Fundamental questions of coexistence in the city are to be addressed as well as sustainable construction concepts. The competition places great value on thorough research, comprehensible presentation and justification of the design decisions and a clear focus on human needs. Interdisciplinary approaches are expressly encouraged. In this joint design studio of the professorships "Construction and Design" and "Architectural Communication", we want to take up these demands with maximum seriousness and examine the topic of urban communal living from a design, constructive, ecological, economic, sociological and psychological perspective. We want to use a variety of research and documentation methods to develop forward-looking solutions that enable a diverse group of residents to say: This is our house! (Ton, Steine, Scherben: "Rauch-Haus-Song", 1972)

Dates:

Regular appointment: Thu 09:00-13:00

1. Meeting on 24.10.2024, 09:00 (Building 20.40, R240)

Intermediate critique 1: 05.12.2024

Intermediate critique 2: 23.01.2025

Submission/presentation: 20.02.2025

Compulsory excursion: Probably 09.11. - 11.11.2024

Form of work: Individual or group work (teams of 2)

Study focus: Construction technology

**HIRZBERG+ - Micro-Multifunctional Room for a Kindergarten in Freiburg (Hebel)**

Project (PRO)
On-Site

1720601, WS 24/25, 5 SWS, Language: German, [Open in study portal](#)

Content

The 'Haus für Kinder am Hirzberg' in Freiburg is characterised by its proximity to nature, built structures that have grown over time and space and an open room concept. In two existing buildings on a slope, which are connected by an intermediate building for access, the educational work of the team takes place in a homely atmosphere on different levels and always in close relation to the outdoors. The existing structure is complemented by a courtyard for the children to play in, which is protected by a small wooden tool shed facing the valley.

The kindergarten is now to be extended on its own site with a micro-multifunctional space, which is the focus of the semester assignment and which will subsequently be realised in cooperation with an architectural office based in Freiburg. The room will serve as a common and study room for staff as well as a room for curative education programmes and parent meetings. As the site is located within the "Roßkopf-Schloßberg" landscape conservation area, the preservation of the surrounding trees and copses as well as the protected wetland complex is an important design requirement. Particular importance is also attached to the spatial relationship between the existing buildings on the Hirzberg slope and the new spatial structure that is being created towards the valley, which should fit into the local landscape and provide a cosy atmosphere for the kindergarten staff.

The design is aiming for a detailed examination of the resulting environmental effects, building economics, structural engineering and building physics issues, as well as the use of resource-friendly, pure building materials such as renewable and secondary building materials, sustainable, circular construction methods and their design-related effects on function and aesthetics with planning up to a scale of 1:1.

First Meeting: 24.10.2024, 09.30 am (Bldg. tbd, R tbd)

Excursion: 15.11.2024, Freiburg

Pin-Up: 11.12.2024

Submission: 19.02.2025

Presentation: 21.02.2025

Form: Individual work

**Live.Zip - Unzip Resources (Müller)**

Project (PRO)
On-Site

1720609, WS 24/25, 5 SWS, Language: German, [Open in study portal](#)

Content

To rewrite buildings that have fallen out of use in the spirit of the Bauwende requires care. Care that, in addition to analysing the architectural and material substance, develops an understanding of the local building culture and social conditions. Critically scrutinising existing ideas for subsequent use and formulating counter-concepts that are supported by arguments are fundamental.

This semester, we focus on a typical 70s building complex in the city of Karlsruhe. These post-war structures, associated with structuralism, are characterized by their strict grid layout and horizontal façade design. Such buildings offer significant potential for adaptive reuse and serve as examples for numerous similar types.

The current plan for the site involves demolishing the existing structures to make way for dense residential development. We will counter this scenario with an alternative proposal.

We set ourselves the challenge of developing and representing a sensible (residential) use in and around the existing buildings by means of reorganisation, addition and subtraction.

1st meeting: 24.10. 2024, (Bldg. 11.40, R026

Mid critiques: to be announced

Excursion: 10 - 11.11.2024, Basel

Submission/Presentation: 20.02.2025

Form: groups of 2

Focus of study: Architectural and Cultural Heritage

V

A new Market Hall for Karlsruhe (von Both)

1720701, WS 24/25, 5 SWS, Language: German, [Open in study portal](#)

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

Content

Market halls are multifunctional spaces whose significance extends far beyond their original commercial function. They serve as central hubs of social life and cultural exchange, while also making an important contribution to sustainable urban development and regional production cycles.

On the site of today's Badisches Staatstheater in the Südstadt district, there stood a market hall built in 1934, which remained until the 1970s. This hall was a key component of the city's commercial infrastructure and an important social gathering place, also serving cultural purposes. For instance, in 1967, the 15th "Exhibition Karlsruhe" of the German Artists Association was held in the old market hall in cooperation with the Badischer Kunstverein.

In 1970—during a time when other retail concepts like large shopping centers on the outskirts (Big Box Stores) were favored—the market hall was closed, and the building was demolished to make way for the construction of the Badisches Staatstheater. Citizens were promised a replacement, but this was only partially fulfilled with the "Großmarkt Karlsruhe" on Weinweg, located further out, which served a very limited customer base (commercial resellers).

As evidenced by the current challenges faced by department store chains and the high vacancy rates in traditional retail spaces in pedestrian zones, shopping and consumption behaviors have changed significantly. Consumers increasingly value unique shopping experiences, sustainability, and quality over the purchase of mass-produced goods when shopping in person.

As part of this design project, the potential of market halls—with their flexible offerings compared to traditional department stores, their proximity to customers, and their sustainable regional production cycles—will be explored. Can they provide an alternative concept to the highly commercialized shopping malls by offering an authentic and regional shopping experience, as well as integrating social and cultural offerings and services, thereby supporting the local economy and craftsmanship?

Building on a general potential analysis of the "market hall" typology, a sustainable usage concept (spatial program) will be developed for the Karlsruhe location. This concept will derive its added value from the synergies of trade combined with other offerings, such as sociocultural and culinary services, while enabling regional food systems. Additionally, a suitable location in Karlsruhe, aligned with the usage concept, will be identified. The planning implementation will be carried out in close coordination with the Chair of Building Technology (Prof. Dr. Rosemarie Wagner) at a scale appropriate to the project size.

Examination of Other Types / Special Examination

Regular meetings: Thu. 09:00 am -13:00 pm

First meeting: Thursday, den 10/24/2024, 9:00 am, Seminar Room BLM

Submission/Exam: Thursday, 02/20/2025

Organizational issues

Master

Regeltermin: Do. 09:00-13:00 Uhr**1. Treffen:** Donnerstag, den 24.10.2024, 9:00 Uhr, Seminarraum BLM**Prüfungstag:** 20.02.2025**Regular meetings:** Thu. 09:00 am -13:00 pm**First meeting:** Thursday, den 10/24/2024, 9:00 am, Seminar Room BLM**Submission/Exam:** Thursday, 02/20/2025

V

Simply better building - Theresienareal Pforzheim1720706, WS 24/25, 5 SWS, Language: German/English, [Open in study portal](#)**Project (PRO)
Blended (On-Site/Online)****Content**

Building in Germany is too complicated and too expensive. In our design work, we address these problems and fundamentally rethink the design, planning and operation of buildings.

To this end, we analyze and evaluate the established processes, roles and rules of today's construction and, building on this, develop innovative structures for more effective processes in the planning and operation of buildings. To this end, we introduce AI, lean construction and distributed ledger methods and apply them to architectural processes. Their concepts should ultimately enable significantly cheaper and more effective properties while maintaining the same quality criteria and supporting sustainable management.

The Theresienareal in the "Arlinger district" in Pforzheim serves as a planning example. We are planning a building ensemble with an integrated daycare center, apartments suitable for senior citizens and daycare on a 2,700 sqm site. In this context, we are also exploring the principles of cooperative building and receiving feedback from a local building cooperative.

Other types of examination

Regular meetings: Thursdays 9:00 am - 13:00 pm**First meeting:** Thursday, 10/24/2024, 14:00 pm, BLM**Submission/Exam:** Wednesday, 02/19/2025, BLM

V

Common Futures - Reinterpreting African vernacular narratives for digital sustainable construction (Dörstelmann)1720805, WS 24/25, 5 SWS, Language: English, [Open in study portal](#)**Project (PRO)
On-Site**

Content

A global transformation towards a circular economy requires local changes in the construction sector. A large proportion of future global construction activity will take place in growth regions, which therefore offer the greatest potential for avoiding emissions. Digital design and manufacturing methods can enable innovative concepts for the use of renewable and natural materials in construction, thus opening up solutions to these global challenges based on digital and circular construction methods.

The potential of digital technologies for sustainable construction must be redefined and researched in each case from the specific local socio-economic, climatic and architectural context. In this studio, we are focusing on the African continent in order to learn from the heterogeneous cultural and architectural approaches of traditional construction methods in different African regions.

We develop experimental concepts of circular construction in dialogue with local partners and assess their transformation potential in terms of both prototypical implementation and their chances of bringing about long-term sustainable change towards climate-friendly construction.

The collective insights gained from the studio will be applied in the context of a construction week in Africa in summer 2025, in preparation for a longer-term international engagement of the professorship.

First Meeting: 24.10.2024, (Bldg. 20.40, R 133)

Pin-Up: 19.12.2024

Excursion: 09.-11.11.2024

Submission/Presentation: 20.02.2025

Form: Individual work and teamwork

Focus of study: Building Technology

No prior knowledge is required.

**Black Houses (Inderbitzin)**

1731260, WS 24/25, 5 SWS, Language: German, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

Next semester we will be designing large wooden houses. We want to explore an architecture in which time and material are expressively interwoven. The temporal dimension is particularly apparent in wood: in the annual rings of a tree trunk, in the shape of a wooden joint, or in the charring of continuous weathering by sun, wind and rain.

Irrespective of whether a house is conceived as permanent or ephemeral, we assume a non finito for the projects, i.e. buildings without completion, use and decay. The linear understanding of time gives way to a cyclical one, which is why the ongoing construction, maintenance and care of the houses also becomes formative. We are talking about open forms in which change is inherent. And structures with components that have different functions and meanings: load-bearing, separating, protective and symbolic, as well as durable and ephemeral woods.

The starting point for the design of the large wooden houses is the tree trunk, which is sawn into beams, planks and boards. In experimental trials on the model, the unglued timbers are joined to form load-bearing and spatial structures for living and working.

The semester is accompanied by contributions and critiques from experts. The integrated specialisation serves to lay the foundations and build the knowledge for design. On the excursion to Switzerland we will have a look at some wooden houses.

First Meeting: 24.10.2024, 10 am (Bldg. 11.40, R 115)

Pin-Ups: to be announced

Mandatory excursion: Switzerland

Submission/Presentation: 20.2.2025

Form: Individual work or teamwork is possible







English is possible for the discussions of the projects





T

4.12 Course: Design Project Urban Planning 1 [T-ARCH-107343]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105671 - Urban Design Project](#)

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

Events					
ST 2024	1731086	Urban Transformation - New Urban Planning Strategies for Beiertheimer Feld (Neppl)	5 SWS	Project (P / )	Neppl, Giralt
ST 2024	1731160	Inner City on the Edge. Freiburg. (Engel)	5 SWS	Project (P / )	Engel, Böcherer, Kannen
ST 2024	1731210	Urban Hydrotopos – Karlsruhe's Co-Evolutionary Dynamics of Urban and Hydric Processes (Bava)	5 SWS	Project (P / )	Bava, Romero Carnicero
WT 24/25	1731058	My Neighbourhood, My Street, My Block. Urban Scenarios for Freiburg Dietenbach (Neppl)	5 SWS	Project (P / )	Neppl, Krüger, Hetey
WT 24/25	1731160	Matıçan / Pristina. Transform for Resilience (Engel)	5 SWS	Project (P / )	Engel, Lev, Song
WT 24/25	1731210	Urban Block Passagehofquartier – From Karlsruhe's Backyard to the Urban Quarter of the Future (Bava)	5 SWS	/ 	Bava, Ehmann, Seitz

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

Competence Certificate

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 events related to this course:

V

Urban Transformation - New Urban Planning Strategies for Beiertheimer Feld (Neppl)

1731086, SS 2024, 5 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

The planning area Beiertheimer Feld is part of Karlsruhe's south-west city centre. Despite its central location within the city, the area is not very present in the perception of many Karlsruhe residents. The area is characterised by a very heterogeneous mix of residential and commercial functions, in which individual landmarks, high-rise buildings and large-scale hospital and educational facilities, as well as unfinished perimeter block structures and undeveloped areas contrast with one another.

The aim is to develop an urban development strategy across various scales, ranging from a framework plan for the entire area, to the design of a building ensemble in a focus area, including its schematic architectural formulation.

The project is looking for innovative concepts for a future-oriented model district that combines a diverse mix of uses and sustainable urban development. In the sense of a "What if...?" scenario, these projects show which urban qualities can be developed for the Beiertheimer Feld by new urban components and open spaces, and which potential synergy effects could be realised in interaction with the existing urban structures.

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

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

Pin-up: 16.05. and 20.06.2024

Presentation: 30.07.2024

Form: teamwork, individual work

Focus of study: Urban Design

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

**Inner City on the Edge. Freiburg. (Engel)**

1731160, SS 2024, 5 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

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

Appointment: Thu

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

Excursion: 25.04.–26.04.2024

Pin-Up: Mon 13.05.2024, Thu 27.06.2024

Submission: Fri 26.07.2024

Presentation: Mon 29.07.2024

Form: Group of 2 students/Individual work

Recommendation: -

Focus of study: Urban Design

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

1731210, SS 2024, 5 SWS, Language: German, [Open in study portal](#)

Project (PRO)
On-Site

Content

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

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

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

Intermediate critique: 16.05.24, 18.06.24

Mandatory excursion: 25.-26.04.24, Karlsruhe

Submission/presentation: 01.08.2024

Form of work: Group of two

Study focus: Urban planning

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

V

My Neighbourhood, My Street, My Block. Urban Scenarios for Freiburg Dietenbach (Neppl)

**Project (PRO)
On-Site**

1731058, WS 24/25, 5 SWS, Language: German, [Open in study portal](#)

Content

The shortage of affordable housing has been one of the most urgent issues for years. To address the housing crisis, the city of Freiburg plans a new urban neighbourhood for 16.000 residents.

The existing framework development plan (Rahmenplan) Freiburg Dietenbach serves as the background and starting point for the design course. With the recent publication of the first land-use plan (Bebauungsplan), the urban extension project Dietenbach is at the intersection between urban design and architecture.

The design course aims to analyse, reinterpret, and further develop the existing framework plan into a new urban neighbourhood and, in a second phase, to develop a detailed architectural concept. The concept of the open block anchored in the framework development plan serves as the design guideline for the course. It offers different building typologies, architectural diversity and flexible floor plans.

The design course will focus on the urban and architectural impact of different typologies and their floor plans and facades, as well as the transition and connection between architecture, urban planning and open space planning.

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

1st meeting: 24.10.2024

Interim critique: 05.12.2024 and 16.01.2025

Mandatory meeting: 31.10.2024 Introduction workshop and site visit

Submission/examination: 20.02.2025

Form: Teamwork (groups of 2 or 3)

Study focus: Urban design

Recommendation: at least 1 completed design

V

Matiçan / Pristina. Transform for Resilience (Engel)

**Project (PRO)
On-Site**

1731160, WS 24/25, 5 SWS, Language: English, [Open in study portal](#)

Content

Pristina is struggling with many crises. After the collapse of the socialist planned economy and the end of the war in the former Yugoslavia, Pristina experienced a period of extensive and uncontrolled construction activity. The rapidly growing population led to a housing shortage. There are few usable public spaces, many squares are neglected, and there is a lack of places for recreation as well as green and retention areas. The transport infrastructure is completely overloaded. A lack of governance structures and weak institutions encourage corruption and illegal developments. At the same time, Pristina has developed into a center of creativity and innovation. With a vibrant creative scene, it has become a major attraction in Kosovo, especially for young people.

Matiçan, a suburban neighborhood 3 km southeast of the city center, has also grown rapidly in recent years without a coherent plan and suffers from a lack of social and technical infrastructure. The studio's task is to develop strategies and concepts for the resilient development of Matiçan at different scales. Part of the studio is an excursion in November 2024 that will be financially supported by the DAAD. The workshop in Pristina is organized in cooperation with the University of Pristina, the University for Business and Technology (Pristina), and the Odessa State Academy of Civil Engineering and Architecture.

Appointment: Thu

First Meeting: Thu 24.10.2024, 10:00, 11.40 R013

Excursion: about 8 days in the period from 07.11. to 14.11.2024

Pin-Up: Thu 05.12.2024, Tue 21.01.2025

Submission: Wed 19.02.2025

Presentation: Thu 20.02.2025

Form: Individual work, Teamwork (2)

Focus of Study: Urban Design

Number of Participants: 15+2 (BA/MA)

V

Urban Block Passagehofquartier – From Karlsruhe's Backyard to the Urban Quarter of the Future (Bava)

1731210, WS 24/25, 5 SWS, Language: German, [Open in study portal](#)

On-Site**Content**

Karlsruhe's city center has a wide range of cultural, gastronomic and retail offerings, is well connected by public transport and yet is experiencing an identity crisis. The mobility transformation, climate change and digitalization are changing the perception of urban space and, especially against the backdrop of climate change; dense building structures and the high degree of sealing pose a challenge. And changing social habits are increasingly calling the city center into question as a center of consumption. How can a city center remain lively and diverse in the future? What qualities do the heterogeneous "back sides" of the city center offer in a planned city like Karlsruhe? How can the diverse requirements and high pressure of use in a city center be managed in such a way that high-quality and sustainable urban spaces and districts are nevertheless created?

Based on a detailed analysis of the historical, spatial and use-specific development of Karlsruhe's city centre districts, the Passagehof is to be developed as a future-oriented and exemplary urban building block. The objective is to develop concrete and implementable concepts for the very diverse public space: the aim is to harmonise private and public interests as well as social and commercial functions in the urban space in order to create stable urban ecosystems that can develop their resilience, liveability and charm from within and radiate into the neighbouring city space in a specific way.

First Meeting: Thu 24.10.24 14:00,

Bldg. 11.40, Room 122

1.PinUp: Thu 21.11.24 10:00

2.PinUp: Thu 19.12.24 10:00

Submission/Exam: Thu 20.02.25 10:00

Form: Groups of two people

Focus of study: Urban Design

T

4.13 Course: Design Specialization [T-ARCH-112107]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: M-ARCH-105670 - Building Design Project

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

Events					
ST 2024	1710103	Advanced Building Studies Design (Frohn): GRID	1 SWS	/ 🎧	Frohn, Streicher, Gazzillo, Gernay
ST 2024	1710205	Advanced Architectural Design Studies (Morger)	1 SWS	Project (P / 🎧)	Morger, Kunkel, Schneider, Zaparta
ST 2024	1710306	Advanced Architectural Design Studies: (Hartmann)	1 SWS	Project (P / 🎧)	Hartmann, Coricelli, Kadid, Vansteenkiste
ST 2024	1710312	Advanced Building Studies Design (Weyell/Zipse)	1 SWS	Project (P / 🎧)	Brasanac
ST 2024	1720508	Advanced Construction Technology Design Studies (Wappner)	1 SWS	Project (P / 🎧)	Wappner, Hörmann, Tusinean, Wang, Häberle, Kochhan
ST 2024	1720602	Advanced Construction Technology Design Studies (Hebel)	1 SWS	/ 🎧	Hebel, Hoss, Rausch
ST 2024	1720702	Advanced Construction Technology Design Studies (von Both)		/ 🔄	von Both, Sartorius, Seiler-Cuesta
ST 2024	1720766	Advanced Structural Design	1 SWS	Project (P / 🎧)	La Magna, Andersson Largueche
ST 2024	1720806	Advanced Construction Technology Design Studies (Dörstelmann)	4 SWS	Project (P / 🎧)	Dörstelmann, Kranz, Witt
ST 2024	1720916	Advanced Construction Technology Design Studies: Building Techniques	1 SWS	Project (P / 🎧)	Wagner, Sickinger, Ge
ST 2024	1720982	Advanced Design Project Studies 1, 2	0.5 SWS	Project (P / 🎧)	Wagner, Mann, Mino Rodriguez, Risetto, Bartsch, Alanis Oberbeck
ST 2024	1731261	Advanced Project Studies (Multerer/Inderbitzin): Housing Models	1 SWS	Seminar / 🎧	Inderbitzin, Multerer, Schork, Zickert, Zlokapa, von Zepelin
WT 24/25	1710112	Advanced Building Studies Design (Frohn)	1 SWS	/ 🎧	Frohn, Wasel, Streicher
WT 24/25	1710207	Advanced Building Studies Design (Morger)	1 SWS		Morger, Zaparta, Schneider, Amon
WT 24/25	1710306	Advanced Building Studies Design (Hartmann)	1 SWS	/ 🎧	Hartmann, Coricelli, Kadid, Vansteenkiste
WT 24/25	1710308	Advanced Building Studies Design: Altbau-IBA – learning from the existing (Schlösser/Kirchner)	1 SWS	/ 🎧	Brasanac
WT 24/25	1720504	Advanced Construction Technology Design Studies (Wappner)	1 SWS	/ 🎧	Wappner, Hörmann, Häberle, Huismans, Calavetta, Kochhan
WT 24/25	1720553	Theoretical Designing Spezialization (Klinge/Rambow)	1 SWS	Project (P / 🎧)	Klinge, Rambow, Michalski, Weber, Alkadi

WT 24/25	1720604	Advanced Construction Technology Design Studies (Hebel)	1 SWS	/ 🗣️	Hebel, Boerman
WT 24/25	1720610	Advanced Construction Technology Design Studies: Conversion of Buildings from the Post-war Period(Müller)	1 SWS	Project (P / 🗣️)	Müller, Gerteiser, Busse
WT 24/25	1720702	Advanced Construction Technology Design Studies: New Market Hall Leipzig (von Both)	1 SWS	Project (P / 🔄)	von Both, Seiler-Cuesta, Sartorius
WT 24/25	1720710	Advanced Construction Technology Design Studies: Simply Build Better (von Both)	1 SWS	Project (P / 🔄)	von Both, Koch
WT 24/25	1720806	Advanced Design Studies (Dörstelmann)	1 SWS	Project (P / 🗣️)	Dörstelmann, Witt, Kranz
WT 24/25	1720905	Advanced Construction Technology Design Studies (Wagner R.)	1 SWS	Project (P / 🔄)	Wagner
WT 24/25	1720982	Advanced Design Project Studies (A. Wagner)	0.5 SWS	Project (P / 🗣️)	Wagner, Mann, Mino Rodriguez, Alanis Oberbeck
WT 24/25	1731261	Advanced Project Studies (Inderbitzin): From Raw Material to Building	1 SWS	Seminar / 🗣️	Inderbitzin, Schork, von Zepelin

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

Competence Certificate

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.

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



Advanced Building Studies Design (Frohn): GRID

1710103, SS 2024, 1 SWS, Language: German/English, [Open in study portal](#)

On-Site

Content

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



Advanced Architectural Design Studies (Morger)

1710205, SS 2024, 1 SWS, Language: German, [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 2024, 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 (Weyell/Zipse)

1710312, SS 2024, 1 SWS, Language: German/English, [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: 18.04.2024, 10:00 AM, Geb. 20.40 , R221,

**Advanced Construction Technology Design Studies (Wappner)**

1720508, SS 2024, 1 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

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

**Advanced Construction Technology Design Studies (Hebel)**

1720602, SS 2024, 1 SWS, Language: German/English, [Open in study portal](#)

On-Site

Content

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

**Advanced Construction Technology Design Studies (von Both)**

1720702, SS 2024, SWS, Language: German/English, [Open in study portal](#)

Blended (On-Site/Online)

Content

Within this course, specific topics and aspects of the design project "Silvergreen" 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, 18.04.2023, 9:00 am

Appointment: Thursday by Arrangement, Online by Arrangement

Submission/Exam: Short presentation Tuesday, 30.07.24 and Wednesday, 31.07.24, both start 9:00 a.m.

Number of Participants: 25

**Advanced Structural Design**

1720766, SS 2024, 1 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

This course is linked to the design studio "Constructive Reuse - alongside Mustard and Mayo" and can only be chosen in conjunction with the studio. The specialization relates to the analysis of the studio project with regard to the feasibility of the structural design.

Delivery/Examination: to be announced

**Advanced Construction Technology Design Studies (Dörstelmann)**

1720806, SS 2024, 4 SWS, Language: English, [Open in study portal](#)

Project (PRO)
On-Site

Content

This course can only be selected in connection with the design studio "Global Threads" (LV1720807), for which it is mandatory.

First Meeting: Thu 18.04.2024

Hand-in: 31.07.2024

**Advanced Construction Technology Design Studies: Building Techniques**

1720916, SS 2024, 1 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

The structural engineering design specialization is linked to a building design and relates to the analysis of the design with regard to the feasibility of building, such as defining hierarchies that determine the building process (building progress, structure, facade, materials, construction, energy concept). The sequence of trades up to detailed solutions on a large scale. There is also the option of building large-scale models as part of the specialization.

Appointments by arrangement, please contact us if you are interested via e-mail to make an appointment.

**Advanced Design Project Studies 1, 2**1720982, SS 2024, 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 (Multerer/Inderbitzin): Housing Models**1731261, SS 2024, 1 SWS, Language: German/English, [Open in study portal](#)**Seminar (S)
On-Site****Content**

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

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

Bldg. 11.40, R 115, Presence

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

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

**Advanced Building Studies Design (Frohn)**1710112, WS 24/25, 1 SWS, Language: German/English, [Open in study portal](#)**On-Site****Content**

The course can only be chosen in conjunction with the associated **"S,M,L"** and is compulsory for this.

Supervision Thu by arrangement

Pin-Ups: to be announced

**Advanced Building Studies Design (Morger)**1710207, WS 24/25, 1 SWS, Language: German, [Open in study portal](#)**Content**

Attending the course is only possible for participants of the design project: An homage to Auguste Perret's Le Havre.

Organizational issues

nach Vereinbarung

**Advanced Building Studies Design (Hartmann)**1710306, WS 24/25, 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 - "Poly-Seasonal Architecture 3 REDUNDANCY".

First meeting: 24.10.2024, 10:00 AM, 20.40 R204

Presentation: 20.02.2025

**Advanced Building Studies Design: Altbau-IBA – learning from the existing (Schlösser/ Kirchner)**1710308, WS 24/25, 1 SWS, Language: German, [Open in study portal](#)**On-Site**

Content

As a thematic backdrop we will look at the Altbau-IBA, which was conceived as one of two parts of the International Building Exhibition Berlin 1987. Here, design tools were tested that went far beyond mere repairs and renovations. Some of the existing buildings were redesigned under 'radically ecological conditions'. Careful changes to floor plans made new forms of living feasible and the architectural forms of the time were interwoven with the buildings itself.

We will critically follow the discourse of the time and visit projects on site. The aim is to contextualize what we see with regard to today's discourse and to learn from design approaches to existing architecture.

The course can only be chosen in conjunction with the associated design studio *Almost Always Empty - Buildings for Cars* and is compulsory for the studio.

This teaching unit can only be selected with the Master Design Studio and is for this studio a mandatory teaching unit.

1. meeting: 24.10.2024, 10:00 AM, 20.40 R221

presentation / exam : 20.02.2025

**Advanced Construction Technology Design Studies (Wappner)**

1720504, WS 24/25, 1 SWS, Language: German, [Open in study portal](#)

On-Site**Content**

Attending the course is only possible for participants of the corresponding design project.

**Theoretical Designing Spezialisization (Klinge/Rambow)**

1720553, WS 24/25, 1 SWS, Language: German/English, [Open in study portal](#)

**Project (PRO)
On-Site****Content**

The course can only be chosen in conjunction with the corresponding draft 1720652 and is mandatory for this course.

**Advanced Construction Technology Design Studies (Hebel)**

1720604, WS 24/25, 1 SWS, Language: German, [Open in study portal](#)

On-Site**Content**

The course can only be chosen in conjunction with the corresponding "HIRZBERG+ - Micro-multifunctional room for a kindergarten in Freiburg" design and is compulsory for this.

**Advanced Construction Technology Design Studies: Conversion of Buildings from the Post-war Period(Müller)**

1720610, WS 24/25, 1 SWS, Language: German, [Open in study portal](#)

**Project (PRO)
On-Site****Content**

The specialisation includes preparatory exercises to understand successful conversions and adaptations of existing buildings. At the beginning of the semester, structures, buildings, constructions and their adaptations are analysed in order to create a solid understanding. This analysis serves as inspiration for the development of design ideas. The exact thematic orientation of the specialisation depends on the focus of the course. The course can only be chosen in conjunction with the associated project «Wohnen.zip - Ressourcen entpacken» and is compulsory for this project. The dates coincide with those of the Master's programme.

The event can only be chosen in connection with the associated draft and is mandatory for it.

Exam: will be announced later

**Advanced Construction Technology Design Studies: New Market Hall Leipzig (von Both)**

1720702, WS 24/25, 1 SWS, Language: German, [Open in study portal](#)

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

Content

Within this Course, specific Topics and Aspects of the design Project "New Market Hall Leipzig" will be dealt with in-depth, processed, and documented. The specific Topics will be identified in Consultation with the BLM supervisors.

Examination of another type

Regular meeting: Thu. 09:00-13:00 pm, presence/online according to Arrangement

First meeting: Thursday, 10/24/2024, 9:00 am, presence/online, Seminar Room BLM

Submission/Exam: Thursday, 02/27/2025, 9:00 am

Organizational issues

Vorraussetzung: Teilname am Entwurf "Neue Markthalle Leipzig"

Prerequisite: Participation in the "New Leipzig Market Hall" design Project

V

Advanced Construction Technology Design Studies: Simply Build Better (von Both)

1720710, WS 24/25, 1 SWS, Language: German, [Open in study portal](#)

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

Content

Within this Course, specific Topics and Aspects of the design Project will be dealt with in-depth, processed, and documented. The specific Topics will be identified in Consultation with the BLM supervisors.

Examination of another type

Regular meeting: Thu. 09:00-13:00 pm, presence/online according to Arrangement

First meeting: Thursday, 10/24/2024, 9:00 am, presence/online, Seminar Room BLM

Submission/Exam: Thursday, 02/27/2025, 9:00 am

V

Advanced Design Studies (Dörstelmann)

1720806, WS 24/25, 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 "**Common Futures - Reinterpreting African vernacular narratives for digital sustainable construction**" (LV1720805), for which it is mandatory.

First Meeting: 24.10.2024

Hand-in: 07.03.2025

V

Advanced Construction Technology Design Studies (Wagner R.)

1720905, WS 24/25, 1 SWS, Language: German/English, [Open in study portal](#)

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

Content

The students learn to question their design in terms of building-related demands. The content is a comprehensive study of the requirements which are necessary to realize the design. The processing of the design into structural concept which can be build has the focus on the relation between the design intentions and the constraints given by the building techniques such as material properties, load carrying behaviour, manufacturing and mounting on site.

The specialization is recommended for students of the course "Neue Markthalle Karlsruhe" professorship BLM. The tasks and the result is coordinated individually and thematically with the students.

Regular shedule: By appointment

Organizational issues

nach Vereinbarung

V

Advanced Design Project Studies (A. Wagner)

1720982, WS 24/25, 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 arangement 20.40 R 235

V

Advanced Project Studies (Inderbitzin): From Raw Material to Building1731261, WS 24/25, 1 SWS, Language: German, [Open in study portal](#)**Seminar (S)
On-Site****Content**

The Studio Black Houses in-depth course is designed to develop the fundamentals and knowledge for the design. The focus is on wood: we want to understand how the raw material is transformed into a building material, how it is joined into supporting structures or used for cladding. The individual research projects are carried out in pairs. The course can only be chosen in conjunction with the associated design, for which it is compulsory.

The Seminar is an integral part of the master-studio *Black houses*. Participation is obligatory for those choosing the design studio. The dates coincide with those of the Master Studio.

Exam: 20.2.2025

T

4.14 Course: Design Theory [T-ARCH-107373]

Responsible: Prof. Simon Hartmann
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103631 - Design Theory](#)

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

Events					
ST 2024	1710307	Design Theory: The other school. Unconventional spaces for learning	2 SWS	Seminar / 🗣️	Hartmann, Kadid, Coricelli, Vansteenkiste
WT 24/25	1710305	Design Theory: KIT 200: Egon Eiermann's Oil City in Karlsruhe	2 SWS	Seminar / 🔄	Hartmann, Coricelli

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

Competence Certificate

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 events related to this course:

V

Design Theory: The other school. Unconventional spaces for learning

1710307, SS 2024, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The times in which studying something meant to acquire the tools for a successful professional life are long gone. The half-life of knowledge got so short that learning became an integral part of any profession.

In *The Other School* seminar we will investigate a wide range of non-generic spaces for learning, where spatial form is informed by the needs of a specific skillbuilding.

How can strict requirements produce spaces that express quality beyond their functionality?

From the traditional workshop to the Bürolandschaft of contemporary co-working spaces, we aim to build an atlas of different ways of designing the learning space.

Event Format: Blended (On-Site/Online)

Schedule: Each second week - Wednesdays

First meeting: 24.04.2024 at 4:00 PM, Geb. 20.40-R221

Number of Participants: Maximum 16

Hand In / Final Presentation: 05.08.2024

Deliverables: Research report

V

Design Theory: KIT 200: Egon Eiermann's Oil City in Karlsruhe

1710305, WS 24/25, 2 SWS, Language: German/English, [Open in study portal](#)

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

Content

A photograph of 1961 depicts Egon Eiermann sitting behind a model of the entrance buildings of the DEA-Schoven Refinery fitting almost the whole main space of the professorship Bauplanung at KIT. Even if experienced with many built works, that bigness presented by the site was unprecedented for Eiermann. How to conceive an architectural intervention at the fringe of a system of functional objects shaped by technical requirements?

Starting from that very same space of Eiermann's chair/office, we propose to investigate and expand the knowledge of his work, climbing up all the scales from the physical model to the 1:1 realization of the entrance system of the largest oil refinery in Germany.

On the occasion of the 200th anniversary of the school, the results of the seminar will be exhibited in the fall of 2025 in a collective show on the networks and contributions of KIT professors and the city of Karlsruhe and its broader territory.

Appointment: : Wednesday, 11 AM -2 PM each second week

First meeting: 30.10.2024, at 11.00 AM, Geb. 20.40 R221

Submission/ Exam: 29.01.2025 (TBC)

Number of participants: 16

Form: Individual and collective work

T

4.15 Course: Design to Built [T-ARCH-109244]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-104514 - Design to Built](#)

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

Prerequisites

none





T

4.16 Course: Detailed Topics of Building Lifecycle Management [T-ARCH-107399]

Responsible: 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 scale	Recurrence	Version
Examination of another type	4	Grade to a third	Irregular	1

Events					
ST 2024	1720705	Detailed Topics of BLM: Arduino	4 SWS	Seminar / 	von Both, Koch
ST 2024	1720708	Detailed Topics of BLM: Python for Architects	4 SWS	Lecture / Practice (/ 	von Both, Koch
WT 24/25	1720707	Special Topics of BLM: Free programming with AI	4 SWS	Lecture / Practice (/ 	von Both, Koch

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

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

V

Detailed Topics of BLM: Arduino

1720705, SS 2024, 4 SWS, Language: German, [Open in study portal](#)

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

Content

The seminar is dedicated to the experimental application of Arduino technologies. We examine the possible applications of the modules in the context of Ambient Assisted Living and Smart Home initiatives and expand the sensory qualities of working and living environments. The seminar combines introductory lectures with separately supervised exercises.

First Meeting: Monday, 15.04.2024, 11:30am - 13:00 pm, Seminar Room BLM

Regular appointments: Mondays, 11:30 am - 13:00 pm (Presence and Online)

Supervision on request

Submission/Exam: Monday, 05.08.2024, 11:30 am, Seminar Room BLM

Number of Participants: 10 + 1 Erasmus

V

Detailed Topics of BLM: Python for Architects

1720708, SS 2024, 4 SWS, Language: German, [Open in study portal](#)

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

Content

In this seminar, we will deal with the basics of the Python programming language and examine its possible uses in architectural planning practice. In particular, we will focus on the use of the language in the CAD package ArchiCAD, but also other architecture-related applications such as in the context of smart home and building automation.

1st meeting: Monday, 15.04.2024, 09:45 -11:15 Uhr, Seminar Room BLM

Appointments: Mondays, 09:45 - 11:15 am, Seminar Room BLM, Support on request

Submission/Exam: Monday, 05.08.2024, 09:45 am, Seminar Room BLM

Number of participants: 11 + 1 Erasmus Student

V

Special Topics of BLM: Free programming with AI

1720707, WS 24/25, 4 SWS, Language: German/English, [Open in study portal](#)

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

Content

In the Seminar, we deal with the Basics of programming Languages in general and examine the possible applications in architectural planning practice. Based on the experience gained, you will choose your own individual task in the context of architecture and convert it into functioning program code with the help of AI.

Examination of Other Types

Appointments: Mondays, 09:45 am -13:00 pm

1. Appointment: Monday, 10/21/2024, 09:45 am, BLM Seminar room

Examination Date: Monday, 02/24/2025, 9:45 am, BLM Seminar room

T

4.17 Course: Digital Design and Fabrication [T-ARCH-111790]

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

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

Events					
ST 2024	1720804	Digital Design and Fabrication: ReSidence.Digital Archive	4 SWS	Seminar	Dörstelmann, Fuentes Quijano

Competence Certificate

Other examination requirements based on a final presentation.

Prerequisites


none





T

4.18 Course: Energy and Indoor Climate Concepts [T-ARCH-111338]

Responsible: Prof. Andreas Wagner
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105680 - Special Topics of Building Physics](#)

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

Events					
ST 2024	1720970	Energy and Indoor Climate Concepts	2 SWS	Lecture / 	Wagner

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

Competence Certificate

Oral exam of 25 minutes on the contents of the course.

Prerequisites

none

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

V

Energy and Indoor Climate Concepts

1720970, SS 2024, 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. 09:45 AM - 11:15 AM R240 Bauko

First meeting: Tues. 16.04.2024, 09:45 AM

Submission/Exam: 06.08.2024/07.08.2024

Number of Participants: 10

T

4.19 Course: Fine Arts [T-ARCH-107366]

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

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

Events					
ST 2024	1710365	Fine Arts: Greenspace: DisPlayZone	4 SWS	Seminar / 🌐	Craig, Schelble
ST 2024	1710367	Fine Arts: Fresh air drawing Foot walk diaries	4 SWS	Seminar / 🌐	Craig
ST 2024	1710369	Fine Arts: How you look at it	4 SWS	Seminar / 🌐	Craig, Engel
ST 2024	1710370	Fine Arts: Nail Art	4 SWS	Seminar / 🌐	Craig, Kranz
ST 2024	1710373	Fine Arts: Open embassy for Democracy	4 SWS	Seminar / 🌐	Craig, Kranz
WT 24/25	1710367	Fine Arts: Colours of the Day	4 SWS	Seminar / 🌐	Craig
WT 24/25	1710369	Fine Arts: DEMOCRACY and ART for all	4 SWS	Seminar / 🌐	Craig, Kranz
WT 24/25	1710371	Fine Arts: round table: Building botanical experiments	4 SWS	Seminar / 🌐	Craig, Schelble

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

Competence Certificate

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 events related to this course:

V

Fine Arts: Greenspace: DisPlayZone

1710365, SS 2024, 4 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

An infrastructure for artistic interventions is to be developed for a derelict section of the former Westwall in Rheinstetten. In this way, the site is to be opened up for a transformation process of aesthetic design. An exhibition zone is to be created alongside and with lively, growing spatial structures: In collaboration with the scenography department of the HfG, temporary exhibition (outdoor) spaces are to be designed and tested in the area of the emerging orchard, making the possible interactions of sustainability and aesthetics visible. The boundary conditions of the task consist of the co-creative processes of human and non-human beings and the imaginative, aesthetic translatability of spatial structures with simple means. Cooperation with Hanne König (academic assistant HfG) and the students of the exhibition design and scenography group as part of the Open Studio (HfG), Olaf Quantius (artist, doctoral student at the Kunsthochschule Linz), Martin Reuter (nature conservation officer, City of Rheinstetten),

Regular date: Fridays, 09:45 Am - 1:00 PM

First date: Friday 19.04.2024 09:45 Am in the drawing room, 204 building 20.40

Special date with Hanne König on May 2, 2024 10:00 a.m.

Submission/examination:

Number of participants: 8 (+3 Erasmus)

**Fine Arts: Fresh air drawing Foot walk diaries**1710367, SS 2024, 4 SWS, Language: German/English, [Open in study portal](#)**Seminar (S)
On-Site****Content**

With the observation of our every day world begins a process of reflection and visualization. Through a row of sketches and drawings combined with short written descriptions we begin an intensive exploration of the city of Karlsruhe. In the time period of one semester, the exercise involves filling up some DIN A4 sketch pads. Personal impressions of city life are to be documented. In a similar manner to that of a picture book diary. A narrative begins to occur.

Every participant will be given a small perspex glass plate, DIN A4, which he/she can keep with them for the duration of the course. This plate will serve as a very simple additional drawing support mechanism.

Appointment: Monday 9:45 AM - 1:00 PM

First meeting: 15.04.2024

Submission/ Exam:

Number of participants: 12 + 3 Erasmus

**Fine Arts: How you look at it**1710369, SS 2024, 4 SWS, Language: German, [Open in study portal](#)**Seminar (S)
On-Site****Content**

Photography is a technical medium. Photographic practice requires a comprehensive knowledge of the equipment and tools to be used, a deep understanding of the underlying processes and their critical reflection.

The focus of the seminar is the development of an independent photographic work on a given topic. The theoretical input includes an analysis of photographic images and a guide to understanding the impact of photography. The seminar begins with an examination of a photographic position. The next step is to visit an exhibition to explore the use of different media in the display of images and the presentation of photography. After a short exercise, the process of developing a personal interpretation of the seminar topic begins, starting with brainstorming, continuous corrections and the final presentation of the photographic work in a possible exhibition context.

Regular date: Mondays, 14:00h - 17:00h

1st date: Monday, 15.04.2024 and 15.07.2024 09:45

Final presentation: Monday, 05.08.2024, 09:45

Room: 015

Participants 6

**Fine Arts: Nail Art**1710370, SS 2024, 4 SWS, Language: German/English, [Open in study portal](#)**Seminar (S)
On-Site****Content**

You can find them everywhere -- nail studios. We want to approach this phenomenon from a historical, sociological, architectural and artistic perspective. What exactly is NAIL ART, is it a trend, an art form or a craft? What are the working conditions and production spaces like and what prejudices are the actors in this scene confronted with? Can nails be political?

The collective seminar format invites you to explore different aspects of NAIL ART using the artistic-research method of mapping and to deepen your knowledge with the help of expert interviews. Based on the research, we will develop a NAIL ART Collection, which will be presented as a performance.

Regular date: Monday 14:00-17:15, from 15.04.2024, Room 204 / Drawing room

The seminar will be held in collaboration with NAIL ART expert Stella Gutwein.

Submission/examination: 12.08.2024

Number of participants: 12+2 Erasmus

**Fine Arts: Open embassy for Democracy**1710373, SS 2024, 4 SWS, Language: German/English, [Open in study portal](#)**Seminar (S)
On-Site**

Content

Under the motto "doing democracy", the Montag Foundation is initiating a pilot project on the site of the former American Embassy Club on the banks of the Rhine in Bonn, which was built in 1951 in the style of the "Prairie Houses" of the US Midwest and is now a listed building. In the coming years, the OPEN EMBASSY FOR DEMOCRACY is to be created here as a prototype of civic engagement and as a living place for the vitalization of democracy. We will use artistic research methods to approach the building, its history and the socio-political issues of the project. On this basis, both independent artistic works and concepts for a temporary exhibition will be developed.

Regular date: Fri, 9:45-13:00

1st date: 19.04.2024, Room 221 / Seminar room BPL

Submission/examination: 16.08.2024

Number of participants: 12+2 Erasmus

**Fine Arts: Colours of the Day**

1710367, WS 24/25, 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, 21.10.2024, 9:45 Uhr, 20.40 R204 FG BK

Submission / Exam:

Number of participants: 12+3 Erasmus

**Fine Arts: DEMOCRACY and ART for all**

1710369, WS 24/25, 4 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

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

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

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

Room 204 / Drawing Room

Compulsory excursion to Bonn: 27.-28.10.2024

Submission/Exam: 24.02.2025

Number of Participants: 10 MA (kein Erasmus)

Language: german

**Fine Arts: round table: Building botanical experiments**

1710371, WS 24/25, 4 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

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

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

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

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

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

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

Number of participants: 5 Master + 2 Erasmus


Submission / examination: 07.02.2025





T

4.20 Course: Fire Protection in Planning and Building [T-ARCH-111339]

Responsible: Prof. Andreas Wagner
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105680 - Special Topics of Building Physics](#)

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

Events					
ST 2024	1720963	Fire Protection in Planning and Building	2 SWS	Lecture / 	Wagner, Hermann

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

Competence Certificate

Oral exam of 25 minutes on the contents of the course.

Prerequisites

none

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

V

Fire Protection in Planning and Building

1720963, SS 2024, 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. 03.05.2024, 09:45 AM

Examination: 09.08.2024

Number of Participants: 10

T

4.21 Course: Free Design Specialization [T-ARCH-111329]

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

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

Events					
ST 2024	1710103	Advanced Building Studies Design (Frohn): GRID	1 SWS	/ 🎯	Frohn, Streicher, Gazzillo, Gernay
ST 2024	1710205	Advanced Architectural Design Studies (Morger)	1 SWS	Project (P / 🎯)	Morger, Kunkel, Schneider, Zaparta
ST 2024	1710306	Advanced Architectural Design Studies: (Hartmann)	1 SWS	Project (P / 🎯)	Hartmann, Coricelli, Kadid, Vansteenkiste
ST 2024	1710312	Advanced Building Studies Design (Weyell/Zipse)	1 SWS	Project (P / 🎯)	Brasanac
ST 2024	1710408	Impromptu: Architecture in Court	1 SWS	/ 🎯	Knoop
ST 2024	1720508	Advanced Construction Technology Design Studies (Wappner)	1 SWS	Project (P / 🎯)	Wappner, Hörmann, Tusinean, Wang, Häberle, Kochhan
ST 2024	1720602	Advanced Construction Technology Design Studies (Hebel)	1 SWS	/ 🎯	Hebel, Hoss, Rausch
ST 2024	1720702	Advanced Construction Technology Design Studies (von Both)		/ 🔄	von Both, Sartorius, Seiler-Cuesta
ST 2024	1720766	Advanced Structural Design	1 SWS	Project (P / 🎯)	La Magna, Andersson Largueche
ST 2024	1720806	Advanced Construction Technology Design Studies (Dörstelmann)	4 SWS	Project (P / 🎯)	Dörstelmann, Kranz, Witt
ST 2024	1720916	Advanced Construction Technology Design Studies: Building Techniques	1 SWS	Project (P / 🎯)	Wagner, Sickinger, Ge
ST 2024	1720982	Advanced Design Project Studies 1, 2	0.5 SWS	Project (P / 🎯)	Wagner, Mann, Mino Rodriguez, Risetto, Bartsch, Alanis Oberbeck
ST 2024	1731061	Advanced Urban Design Project Studies: The Term "Transformation" (Neppl)	1 SWS	/ 🎯	Neppl
ST 2024	1731161	Advanced Urban Design Project Studies (Engel): Inner City on the Edge, Freiburg / Rules and Players	2 SWS	Seminar / 🎯	Engel, Böcherer, Kannen
ST 2024	1731211	Advanced Urban Design Project Studies: Urban Hydrotopos – Karlsruhe's Co-Evolutionary Dynamics of Urban and Hydric Processes (Bava)	1 SWS	/ 🎯	Bava, Romero Carnicero
ST 2024	1731261	Advanced Project Studies (Multerer/Inderbitzin): Housing Models	1 SWS	Seminar / 🎯	Inderbitzin, Multerer, Schork, Zickert, Zlokapa, von Zepelin
WT 24/25	1710112	Advanced Building Studies Design (Frohn)	1 SWS	/ 🎯	Frohn, Wasel, Streicher

WT 24/25	1710207	Advanced Building Studies Design (Morger)	1 SWS		Morger, Zaparta, Schneider, Amon
WT 24/25	1710306	Advanced Building Studies Design (Hartmann)	1 SWS	/ ●	Hartmann, Coricelli, Kadid, Vansteenkiste
WT 24/25	1710308	Advanced Building Studies Design: Altbau-IBA – learning from the existing (Schlösser/Kirchner)	1 SWS	/ ●	Brasanac
WT 24/25	1720504	Advanced Construction Technology Design Studies (Wappner)	1 SWS	/ ●	Wappner, Hörmann, Häberle, Huismans, Calavetta, Kochhan
WT 24/25	1720553	Theoretical Designing Spezialisierung (Klinge/Rambow)	1 SWS	Project (P / ●)	Klinge, Rambow, Michalski, Weber, Alkadi
WT 24/25	1720604	Advanced Construction Technology Design Studies (Hebel)	1 SWS	/ ●	Hebel, Boerman
WT 24/25	1720610	Advanced Construction Technology Design Studies: Conversion of Buildings from the Post-war Period(Müller)	1 SWS	Project (P / ●)	Müller, Gerteiser, Busse
WT 24/25	1720702	Advanced Construction Technology Design Studies: New Market Hall Leipzig (von Both)	1 SWS	Project (P / ☒)	von Both, Seiler-Cuesta, Sartorius
WT 24/25	1720710	Advanced Construction Technology Design Studies: Simply Build Better (von Both)	1 SWS	Project (P / ☒)	von Both, Koch
WT 24/25	1720806	Advanced Design Studies (Dörstelmann)	1 SWS	Project (P / ●)	Dörstelmann, Witt, Kranz
WT 24/25	1720905	Advanced Construction Technology Design Studies (Wagner R.)	1 SWS	Project (P / ☒)	Wagner
WT 24/25	1720982	Advanced Design Project Studies (A. Wagner)	0.5 SWS	Project (P / ●)	Wagner, Mann, Mino Rodriguez, Alanis Oberbeck
WT 24/25	1731061	Advanced Urban Design Project Studies: Repertoire Residential Typologies (Nepl)	1 SWS	/ ●	Nepl, Krüger, Hetey
WT 24/25	1731161	Advanced Urban Design Project Studies (Engel): Mapping the Urban Landscape of Pristina	1 SWS	/ ●	Engel, Lev, Song
WT 24/25	1731211	Advanced Urban Design Project Studies (Bava)	1 SWS	/ ●	Bava, Ehmann, Seitz
WT 24/25	1731261	Advanced Project Studies (Inderbitzin): From Raw Material to Building	1 SWS	Seminar / ●	Inderbitzin, Schork, von Zepelin

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

Competence Certificate

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.

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

V

Advanced Building Studies Design (Frohn): GRID

1710103, SS 2024, 1 SWS, Language: German/English, [Open in study portal](#)

On-Site

Content

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

**Advanced Architectural Design Studies (Morger)**1710205, SS 2024, 1 SWS, Language: German, [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 2024, 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 (Weyell/Zipse)**1710312, SS 2024, 1 SWS, Language: German/English, [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: 18.04.2024, 10:00 AM, Geb. 20.40, R221,

**Impromptu: Architecture in Court**1710408, SS 2024, 1 SWS, Language: German/English, [Open in study portal](#)**On-Site****Content**

Let's go to court! Façades and assembly halls are well-known architectural symbols of power and politics. Yet certain artefacts are often overlooked. We want to take a closer look at the Federal Court of Justice in Karlsruhe, analyse and develop our thoughts on its architectural artefacts with a view to their impact. To this end, we will take part in a hearing and be guided through the buildings. Based on your observations, you will then create visions, utopias, or dystopias for an artefact of your choice. Tell its stories, according to "the medium is the message". The submission is a collage, groups of two are possible. Open to all Master's students, mandatory for "Architecture of Decision-Making" participants.

Focus of study: Architectural and Cultural Heritage

Mon 13.05. 13:30-14:00h Binding registration for the tour to the Federal Court of Justice

Mon 10.06. 14:00-17:15h Kick Off Workshop

Tue 11.06. 09:00-12:00h Participation in hearing and tour to the Federal Court of Justice

Tue 25.06. 13:30-14:00h Submission Stegreif

Tue 09.07. 17-20h Presentation at the Architekturschaufenster: AT goes A SF

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

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

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

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

**Advanced Construction Technology Design Studies (von Both)**1720702, SS 2024, SWS, Language: German/English, [Open in study portal](#)**Blended (On-Site/Online)**

Content

Within this course, specific topics and aspects of the design project "Silvergreen" 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, 18.04.2023, 9:00 am

Appointment: Thursday by Arrangement, Online by Arrangement

Submission/Exam: Short presentation Tuesday, 30.07.24 and Wednesday, 31.07.24, both start 9:00 a.m.

Number of Participants: 25

**Advanced Structural Design**

1720766, SS 2024, 1 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

This course is linked to the design studio "Constructive Reuse - alongside Mustard and Mayo" and can only be chosen in conjunction with the studio. The specialization relates to the analysis of the studio project with regard to the feasibility of the structural design.

Delivery/Examination: to be announced

**Advanced Construction Technology Design Studies (Dörstelmann)**

1720806, SS 2024, 4 SWS, Language: English, [Open in study portal](#)

Project (PRO)
On-Site

Content

This course can only be selected in connection with the design studio "Global Threads" (LV1720807), for which it is mandatory.

First Meeting: Thu 18.04.2024

Hand-in: 31.07.2024

**Advanced Construction Technology Design Studies: Building Techniques**

1720916, SS 2024, 1 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

The structural engineering design specialization is linked to a building design and relates to the analysis of the design with regard to the feasibility of building, such as defining hierarchies that determine the building process (building progress, structure, facade, materials, construction, energy concept). The sequence of trades up to detailed solutions on a large scale. There is also the option of building large-scale models as part of the specialization.

Appointments by arrangement, please contact us if you are interested via e-mail to make an appointment.

**Advanced Design Project Studies 1, 2**

1720982, SS 2024, 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 Urban Design Project Studies: The Term "Transformation" (Neppl)**

1731061, SS 2024, 1 SWS, Language: German, [Open in study portal](#)

On-Site

Content

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

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

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

Exam: 31.07.2024

V

Advanced Urban Design Project Studies (Engel): Inner City on the Edge, Freiburg / Rules and Players

Seminar (S)
On-Site

1731161, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)

Content

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

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

Appointments: Thu

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

Submission/Exam: Thu 15.08.2024

Form: Teamwork

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

V

Advanced Urban Design Project Studies: Urban Hydrotopos – Karlsruhe's Co-Evolutionary Dynamics of Urban and Hydric Processes (Bava)

On-Site

1731211, SS 2024, 1 SWS, Language: German, [Open in study portal](#)

Content

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

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

Exam: 01.08.2024

Form of work: Teamwork

V

Advanced Project Studies (Multerer/Inderbitzin): Housing Models

Seminar (S)
On-Site

1731261, SS 2024, 1 SWS, Language: German/English, [Open in study portal](#)

Content

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

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

Bldg. 11.40, R 115, Presence

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

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

**Advanced Building Studies Design (Frohn)**1710112, WS 24/25, 1 SWS, Language: German/English, [Open in study portal](#)**On-Site****Content**

The course can only be chosen in conjunction with the associated **"S,M,L"** and is compulsory for this.

Supervision Thu by arrangement

Pin-Ups: to be announced

**Advanced Building Studies Design (Morger)**1710207, WS 24/25, 1 SWS, Language: German, [Open in study portal](#)**Content**

Attending the course is only possible for participants of the design project: An homage to Auguste Perret's Le Havre.

Organizational issues

nach Vereinbarung

**Advanced Building Studies Design (Hartmann)**1710306, WS 24/25, 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 - "Poly-Seasonal Architecture 3 REDUNDANCY".

First meeting: 24.10.202, 10:00 AM, 20.40 R204

Presentation: 20.02.2025

**Advanced Building Studies Design: Altbau-IBA – learning from the existing (Schlösser/ Kirchner)**1710308, WS 24/25, 1 SWS, Language: German, [Open in study portal](#)**On-Site****Content**

As a thematic backdrop we will look at the Altbau-IBA, which was conceived as one of two parts of the International Building Exhibition Berlin 1987. Here, design tools were tested that went far beyond mere repairs and renovations. Some of the existing buildings were redesigned under 'radically ecological conditions'. Careful changes to floor plans made new forms of living feasible and the architectural forms of the time were interwoven with the buildings itself.

We will critically follow the discourse of the time and visit projects on site. The aim is to contextualize what we see with regard to today's discourse and to learn from design approaches to existing architecture.

The course can only be chosen in conjunction with the associated design studio *Almost Always Empty - Buildings for Cars* and is compulsory for the studio.

This teaching unit can only be selected with the Master Design Studio and is for this studio a mandatory teaching unit.

1. meeting: 24.10.2024, 10:00 AM, 20.40 R221

presentation / exam : 20.02.2025

**Advanced Construction Technology Design Studies (Wappner)**1720504, WS 24/25, 1 SWS, Language: German, [Open in study portal](#)**On-Site****Content**

Attending the course is only possible for participants of the corresponding design project.

**Theoretical Designing Spezialisization (Klinge/Rambow)**1720553, WS 24/25, 1 SWS, Language: German/English, [Open in study portal](#)**Project (PRO)
On-Site****Content**

The course can only be chosen in conjunction with the corresponding draft 1720652 and is mandatory for this course.

V

Advanced Construction Technology Design Studies (Hebel)1720604, WS 24/25, 1 SWS, Language: German, [Open in study portal](#)**On-Site****Content**

The course can only be chosen in conjunction with the corresponding "HIRZBERG+ - Micro-multifunctional room for a kindergarten in Freiburg" design and is compulsory for this.

V

Advanced Construction Technology Design Studies: Conversion of Buildings from the Post-war Period(Müller)1720610, WS 24/25, 1 SWS, Language: German, [Open in study portal](#)**Project (PRO)
On-Site****Content**

The specialisation includes preparatory exercises to understand successful conversions and adaptations of existing buildings. At the beginning of the semester, structures, buildings, constructions and their adaptations are analysed in order to create a solid understanding. This analysis serves as inspiration for the development of design ideas. The exact thematic orientation of the specialisation depends on the focus of the course. The course can only be chosen in conjunction with the associated project «Wohnen.zip - Ressourcen entpacken» and is compulsory for this project. The dates coincide with those of the Master's programme.

The event can only be chosen in connection with the associated draft and is mandatory for it.

Exam: will be announced later

V

Advanced Construction Technology Design Studies: New Market Hall Leipzig (von Both)1720702, WS 24/25, 1 SWS, Language: German, [Open in study portal](#)**Project (PRO)
Blended (On-Site/Online)****Content**

Within this Course, specific Topics and Aspects of the design Project "New Market Hall Leipzig" will be dealt with in-depth, processed, and documented. The specific Topics will be identified in Consultation with the BLM supervisors.

Examination of another type

Regular meeting: Thu. 09:00-13:00 pm, presence/online according to Arrangement

First meeting: Thursday, 10/24/2024, 9:00 am, presence/online, Seminar Room BLM

Submission/Exam: Thursday, 02/27/2025, 9:00 am

Organizational issues

Vorraussetzung: Teilname am Entwurf "Neue Markthalle Leipzig"

Prerequisite: Participation in the "New Leipzig Market Hall" design Project

V

Advanced Construction Technology Design Studies: Simply Build Better (von Both)1720710, WS 24/25, 1 SWS, Language: German, [Open in study portal](#)**Project (PRO)
Blended (On-Site/Online)****Content**

Within this Course, specific Topics and Aspects of the design Project will be dealt with in-depth, processed, and documented. The specific Topics will be identified in Consultation with the BLM supervisors.

Examination of another type

Regular meeting: Thu. 09:00-13:00 pm, presence/online according to Arrangement

First meeting: Thursday, 10/24/2024, 9:00 am, presence/online, Seminar Room BLM

Submission/Exam: Thursday, 02/27/2025, 9:00 am

V

Advanced Design Studies (Dörstelmann)1720806, WS 24/25, 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 “**Common Futures - Reinterpreting African vernacular narratives for digital sustainable construction**” (LV1720805), for which it is mandatory.

First Meeting: 24.10.2024

Hand-in: 07.03.2025

**Advanced Construction Technology Design Studies (Wagner R.)**

1720905, WS 24/25, 1 SWS, Language: German/English, [Open in study portal](#)

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

Content

The students learn to question their design in terms of building-related demands. The content is a comprehensive study of the requirements which are necessary to realize the design. The processing of the design into structural concept which can be built has the focus on the relation between the design intentions and the constraints given by the building techniques such as material properties, load carrying behaviour, manufacturing and mounting on site.

The specialization is recommended for students of the course "Neue Markthalle Karlsruhe" professorship BLM. The tasks and the result is coordinated individually and thematically with the students.

Regular schedule: By appointment

Organizational issues

nach Vereinbarung

**Advanced Design Project Studies (A. Wagner)**

1720982, WS 24/25, 0.5 SWS, Language: German/English, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

The advanced design project study in building technology accompanies a building or urban design studio project and comprises related work on a building physics or technical building services topic. Topic, objectives, suitable tools and a work plan will be discussed and fixed during the first meeting (see module handbook).

By arrangement 20.40 R 235

**Advanced Urban Design Project Studies: Repertoire Residential Typologies (Neppl)**

1731061, WS 24/25, 1 SWS, Language: German, [Open in study portal](#)

On-Site

Content

The framework development plan Dietsch developed diverse building typologies to enable a broad spectrum of different developments and to ensure an even distribution of subsidised housing in the entire neighbourhood.

In the advanced design course each group will analyse an existing neighbourhood and examine different typologies in detail. The results will be presented to the entire course in a short presentation. The goal is to develop an extensive repertoire of residential typologies that can be used in the design course.

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: 20.02.2025

**Advanced Urban Design Project Studies (Engel): Mapping the Urban Landscape of Pristina**

1731161, WS 24/25, 1 SWS, Language: English, [Open in study portal](#)

On-Site

Content

Pristina faces many challenging urban issues: Uncontrolled construction activity, a growing housing shortage, an increase in social inequality, a deficit in green spaces, and the congestion of the transport infrastructure all characterize the capital of Kosovo. A lack of governance structures and weak institutions encourage corruption and illegal developments. Against this backdrop, we will research and analyze selected aspects in our in-depth study with the aim to critically evaluate and visualize Pristina's urban landscape through maps to support the work of the urban design studio. The results will be published in the form of an atlas.

Appointment: Thu

First Meeting: Thu 24.10.2024, 14:00, 11.40 R013

Submission/Exam: Thu 19.12.2024

Form: Teamwork (2)

Number of Participants: 15+2 (BA/MA)

The course can only be chosen in combination with the related design *Matiçan / Pristina. Transform for Resilience (Engel)* and is obligatory for it.

**Advanced Urban Design Project Studies (Bava)**

1731211, WS 24/25, 1 SWS, Language: German, [Open in study portal](#)

On-Site**Content**

Attending the course is only possible for participants of the corresponding design project LV 1731210.

Appointment: Thu 9:00AM - 5:15 PM, 11.40, R126

**Advanced Project Studies (Inderbitzin): From Raw Material to Building**

1731261, WS 24/25, 1 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site****Content**

The Studio Black Houses in-depth course is designed to develop the fundamentals and knowledge for the design. The focus is on wood: we want to understand how the raw material is transformed into a building material, how it is joined into supporting structures or used for cladding. The individual research projects are carried out in pairs. The course can only be chosen in conjunction with the associated design, for which it is compulsory.

The Seminar is an integral part of the master-studio *Black houses*. Participation is obligatory for those choosing the design studio. The dates coincide with those of the Master Studio.


Exam: 20.2.2025





T

4.22 Course: Historical Building Research [T-ARCH-107417]

Responsible: Prof. Dr.-Ing. Joaquín Medina Warmburg
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103676 - Historical Building Research](#)

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

Events					
WT 24/25	1741375	Historical Building Research: Point Cloud and what Next? Contemporary Methods of Inventory Recording	4 SWS	Practice / 	Busse, Garrido, Juretzko

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

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

V

Historical Building Research: Point Cloud and what Next? Contemporary Methods of Inventory Recording

Practice (ü)
On-Site

1741375, WS 24/25, 4 SWS, Language: German, [Open in study portal](#)

Content

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

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

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

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

Number of participants: 5

Focus of study: Architectural and Cultural Heritage

T

4.23 Course: History of Architecture [T-ARCH-111795]

Responsible: Prof. Dr.-Ing. Joaquín Medina Warmburg
Organisation: KIT Department of Architecture
Part of: M-ARCH-105862 - History of Architecture

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

Events					
ST 2024	1741385	History of Architecture/Urban Planning: Living Concepts and their Exhibition	2 SWS	Block / 🗣️	Medina Warmburg, Rind
ST 2024	1741390	Historical Building Research _ Complex Systems	2 SWS	Seminar / 🗣️	Medina Warmburg, Busse
ST 2024	1741391	History of Architecture/Urban Planning: ENVIRONMENTAL BIOGRAPHIES.Studies on the Infrastructural Landscapes in Karlsruhe.	4 SWS	Seminar / 🗣️	Medina Warmburg, Garrido
WT 24/25	1741382	Research Seminar: History of Architecture/Urban Planning: Nature in Stone: Plant Species in Gothic Architecture	2 SWS	Seminar / 🔄	Brehm
WT 24/25	1741383	History of Architecture/Urban Planning: KIT200: Exhibition Design	2 SWS	Seminar / 🗣️	Garrido
WT 24/25	1741384	History of Architecture/Urban Planning: Environmental Biographies. KIT200: Decoding Majolika Karlsruhe and its Environmental Networks	2 SWS	Seminar / 🗣️	Garrido
WT 24/25	1741386	History of Architecture/Urban Planning: Creepy Houses. Architecture and the City in the Movies (Part I)	2 SWS	Seminar / 🗣️	Medina Warmburg
WT 24/25	1741387	History of Architecture/Urban Planning: KIT200: Time as Material. About the Culture and Architecture of Cemeteries	2 SWS	Seminar / 🗣️	Medina Warmburg
WT 24/25	1741390	History of Architecture/Urban Planning: KIT 200: Municipal and Private Bath	2 SWS	Seminar / 🗣️	Rind
WT 24/25	1741394	History of Architecture/Urban Planning: Strasbourg/Strasbourg - Cultural Exchange between France and Germany. Aspects of Architectural and Urban Planning between 1830 and 1940	2 SWS	Seminar / 🔄	Gawlik

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

Competence Certificate

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

Prerequisites

none

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

V

History of Architecture/Urban Planning: Living Concepts and their Exhibition

1741385, SS 2024, 2 SWS, Language: German, [Open in study portal](#)

Block (B)
On-Site

Content

Living is a basic existential need and everyday social practice, a scarce commodity and a housing policy challenge, but also the starting point and vision of architectural designs and construction projects.

Based on texts and exhibitions about living in the past 100 years, we ask ourselves the question of the respective concepts behind these living worlds, the design of our coexistence and the communication via text and/or exhibition. What part does the architecture play, what part does the interior play?

First part of the block seminar: reading and discussing (most texts are in German). Second part: Participation in Werkbund Foyer #2 Parasite Kitchen on the Skulpturenplatz of the Kunsthalle Mannheim with a pop-up exhibition and discussions.

1. Meeting: Fri, 19. 4. , 9:45 -11:15 am, Seminar room History of Building and Architecture, Bldg. 20.40, R 015

Block I: Fri/Sat 3. /4. 5. , 10-5 pm , Seminar room History of Building and Architecture, Bldg. 20.40, R 015

Block II: Fri/Sat 28. /29. 6. 10-5 pm, Sculpture Square, Kunsthalle Mannheim

Submission: Participation in both blocks obligatory, elaboration of a thematic focus for the pop-up exhibition, participation in the discussions.

Number of Participants: 5

Focus of study: Architectural and Cultural Heritage

V

Historical Building Research _ Complex Systems

1741390, SS 2024, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

The ability to consciously shape the transformation in the area of contradiction 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 seminar, a self-selected object is analysed in archival documents, as-built plans, measurements and the history of alterations.

The structure and elements are to be graphically analysed, described and interpreted, e.g. by analysing the construction history, analysing the typology, analysing the structural system, analysing the spatial structures, analysing the materials, analysing and comparing the formal elements or analysing the structure.

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

Submission: 30.09.2024

Number of Participants: 12 Ma, 5 KG

Focus of study: Architectural and Cultural Heritage

V

History of Architecture/Urban Planning: ENVIRONMENTAL BIOGRAPHIES.Studies on the Infrastructural Landscapes in Karlsruhe.

1741391, SS 2024, 4 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

T

The water infrastructure has been a critical component of Karlsruhe since its foundation. It has not only defined the relationship of the city with its near- and distant environment but also its character and its urban spaces thanks to a rich network of fountains and springs.

The objective of the seminar is to explore various architectural research and representation tools, including archival material, diagrams and 3d models and through them, aiming to uncover, analyze and communicate the intricate layers of overlapping infrastructural networks of Karlsruhe, crafting an "urban biography" portraying the city's evolution.

Tue, 11.30-1 pm, Seminar room History of Building and Architecture; Bldg. 20.40, R 015

Excursion: after arrangement

Submission/Exam: presentation and paper due 31.06.2024

Number of Participants: 5

Focus of study: Architectural and Cultural Heritage

V

Research Seminar: History of Architecture/Urban Planning: Nature in Stone: Plant Species in Gothic Architecture

1741382, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

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

Content

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

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

Number of Participants: 5

Focus of study: Architectural and Cultural Heritage

V

History of Architecture/Urban Planning: KIT200: Exhibition Design

1741383, WS 24/25, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

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

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

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

Submission/Exam: presentation and essay due 31.03.2025

Number of Participants: 5

Focus of study: Architectural and Cultural Heritage

V

History of Architecture/Urban Planning: Environmental Biographies. KIT200: Decoding Majolika Karlsruhe and its Environmental Networks

1741384, WS 24/25, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

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

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

Submission/Exam: presentation and essay due 31.03.2024

Number of Participants: 7

Focus of study: Architectural and Cultural Heritage

V

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

Seminar (S)
On-Site

1741386, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

Content

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

1. Meeting: 31.10.2024

Dates: 6 doubles sessions in November and December

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

Focus of Study: Architectural and Cultural Heritage

V

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

Seminar (S)
On-Site

1741387, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

Content

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

1. Meeting: 29.10.2024

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

Focus of study: Architectural and Cultural Heritage

V

History of Architecture/Urban Planning: KIT 200: Municipal and Private Bath

Seminar (S)
On-Site

1741390, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

Content

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

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

Submission: poster or paper

Number of Participants: 6

Focus of study: Architectural and Cultural Heritage

V

History of Architecture/Urban Planning: Strasbourg/Strasbourg - Cultural Exchange between France and Germany. Aspects of Architectural and Urban Planning between 1830 and 1940 Seminar (S) Blended (On-Site/Online)

1741394, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

Content

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

Block seminar in Karlsruhe on 21./22.03.2025

Excursion to Strasbourg on 23.03.2025

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

Please make your own travel arrangements to Strasbourg.

Number of Participants: 3

Submission/Exam: presentation/essay 31.03.25

Focus of study: Architectural and Cultural Heritage

T

4.24 Course: History of Landscape Architecture [T-ARCH-107380]

Responsible: Prof. Henri Bava
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103638 - History of Landscape Architecture](#)

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

Events					
WT 24/25	1731213	History of Landscape Architecture: Territories	2 SWS	Lecture / Practice (/ 🔄)	Bava

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

Competence Certificate

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 events related to this course:

V

History of Landscape Architecture: Territories

1731213, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

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

Content**Developing the city out of the landscape**

Accompanying all the other courses of this chair, the lecture „territories“ presents important approaches of Landscape Architecture.

First meeting: 22.10.2024, 2:00 pm, Bldg. 20.40 Hörsaal 9

Dates: 22.10.24 / 05.11.24 / 19.11.24 / 03.12.24 / 14.01.25 / 28.01.25

Presentation of the Task: 25.02.25, 2:00 pm

Presentation of the Exercise: 04.03.25, 2:00 pm

Number of Participants: unlimited

Fokus of study: Urban Design

T

4.25 Course: History of Urban Planning [T-ARCH-111793]

Responsible: Prof. Dr.-Ing. Joaquín Medina Warmburg
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105860 - History of Urban Planning](#)

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

Events					
ST 2024	1741385	History of Architecture/Urban Planning: Living Concepts and their Exhibition	2 SWS	Block / 🗨️	Medina Warmburg, Rind
ST 2024	1741390	Historical Building Research _ Complex Systems	2 SWS	Seminar / 🗨️	Medina Warmburg, Busse
ST 2024	1741391	History of Architecture/Urban Planning: ENVIRONMENTAL BIOGRAPHIES.Studies on the Infrastructural Landscapes in Karlsruhe.	4 SWS	Seminar / 🗨️	Medina Warmburg, Garrido
WT 24/25	1741382	Research Seminar: History of Architecture/Urban Planning: Nature in Stone: Plant Species in Gothic Architecture	2 SWS	Seminar / 🔄	Brehm
WT 24/25	1741383	History of Architecture/Urban Planning: KIT200: Exhibition Design	2 SWS	Seminar / 🗨️	Garrido
WT 24/25	1741384	History of Architecture/Urban Planning: Environmental Biographies. KIT200: Decoding Majolika Karlsruhe and its Environmental Networks	2 SWS	Seminar / 🗨️	Garrido
WT 24/25	1741386	History of Architecture/Urban Planning: Creepy Houses. Architecture and the City in the Movies (Part I)	2 SWS	Seminar / 🗨️	Medina Warmburg
WT 24/25	1741387	History of Architecture/Urban Planning: KIT200: Time as Material. About the Culture and Architecture of Cemeteries	2 SWS	Seminar / 🗨️	Medina Warmburg
WT 24/25	1741390	History of Architecture/Urban Planning: KIT 200: Municipal and Private Bath	2 SWS	Seminar / 🗨️	Rind
WT 24/25	1741394	History of Architecture/Urban Planning: Strasbourg/Strasbourg - Cultural Exchange between France and Germany. Aspects of Architectural and Urban Planning between 1830 and 1940	2 SWS	Seminar / 🔄	Gawlik

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

Competence Certificate

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

Prerequisites

none

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

V

History of Architecture/Urban Planning: Living Concepts and their Exhibition

1741385, SS 2024, 2 SWS, Language: German, [Open in study portal](#)

Block (B)
On-Site

Content

Living is a basic existential need and everyday social practice, a scarce commodity and a housing policy challenge, but also the starting point and vision of architectural designs and construction projects.

Based on texts and exhibitions about living in the past 100 years, we ask ourselves the question of the respective concepts behind these living worlds, the design of our coexistence and the communication via text and/or exhibition. What part does the architecture play, what part does the interior play?

First part of the block seminar: reading and discussing (most texts are in German). Second part: Participation in Werkbund Foyer #2 Parasite Kitchen on the Skulpturenplatz of the Kunsthalle Mannheim with a pop-up exhibition and discussions.

1. Meeting: Fri, 19. 4. , 9:45 -11:15 am, Seminar room History of Building and Architecture, Bldg. 20.40, R 015

Block I: Fri/Sat 3. /4. 5. , 10-5 pm , Seminar room History of Building and Architecture, Bldg. 20.40, R 015

Block II: Fri/Sat 28. /29. 6. 10-5 pm, Sculpture Square, Kunsthalle Mannheim

Submission: Participation in both blocks obligatory, elaboration of a thematic focus for the pop-up exhibition, participation in the discussions.

Number of Participants: 5

Focus of study: Architectural and Cultural Heritage

V

Historical Building Research _ Complex Systems

1741390, SS 2024, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

The ability to consciously shape the transformation in the area of contradiction 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 seminar, a self-selected object is analysed in archival documents, as-built plans, measurements and the history of alterations.

The structure and elements are to be graphically analysed, described and interpreted, e.g. by analysing the construction history, analysing the typology, analysing the structural system, analysing the spatial structures, analysing the materials, analysing and comparing the formal elements or analysing the structure.

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

Submission: 30.09.2024

Number of Participants: 12 Ma, 5 KG

Focus of study: Architectural and Cultural Heritage

V

History of Architecture/Urban Planning: ENVIRONMENTAL BIOGRAPHIES.Studies on the Infrastructural Landscapes in Karlsruhe.

1741391, SS 2024, 4 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

T

The water infrastructure has been a critical component of Karlsruhe since its foundation. It has not only defined the relationship of the city with its near- and distant environment but also its character and its urban spaces thanks to a rich network of fountains and springs.

The objective of the seminar is to explore various architectural research and representation tools, including archival material, diagrams and 3d models and through them, aiming to uncover, analyze and communicate the intricate layers of overlapping infrastructural networks of Karlsruhe, crafting an "urban biography" portraying the city's evolution.

Tue, 11.30-1 pm, Seminar room History of Building and Architecture; Bldg. 20.40, R 015

Excursion: after arrangement

Submission/Exam: presentation and paper due 31.06.2024

Number of Participants: 5

Focus of study: Architectural and Cultural Heritage

V

Research Seminar: History of Architecture/Urban Planning: Nature in Stone: Plant Species in Gothic Architecture

1741382, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

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

Content

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

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

Number of Participants: 5

Focus of study: Architectural and Cultural Heritage

V

History of Architecture/Urban Planning: KIT200: Exhibition Design

1741383, WS 24/25, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

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

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

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

Submission/Exam: presentation and essay due 31.03.2025

Number of Participants: 5

Focus of study: Architectural and Cultural Heritage

V

History of Architecture/Urban Planning: Environmental Biographies. KIT200: Decoding Majolika Karlsruhe and its Environmental Networks

1741384, WS 24/25, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

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

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

Submission/Exam: presentation and essay due 31.03.2024

Number of Participants: 7

Focus of study: Architectural and Cultural Heritage

V

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

Seminar (S)
On-Site

1741386, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

Content

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

1. Meeting: 31.10.2024

Dates: 6 doubles sessions in November and December

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

Focus of Study: Architectural and Cultural Heritage

V

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

Seminar (S)
On-Site

1741387, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

Content

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

1. Meeting: 29.10.2024

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

Focus of study: Architectural and Cultural Heritage

V

History of Architecture/Urban Planning: KIT 200: Municipal and Private Bath

Seminar (S)
On-Site

1741390, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

Content

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

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

Submission: poster or paper

Number of Participants: 6

Focus of study: Architectural and Cultural Heritage

V

History of Architecture/Urban Planning: Strasbourg/Strasbourg - Cultural Exchange between France and Germany. Aspects of Architectural and Urban Planning between 1830 and 1940 Seminar (S)
Blended (On-Site/Online)

1741394, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

Content

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

Block seminar in Karlsruhe on 21./22.03.2025

Excursion to Strasbourg on 23.03.2025

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

Please make your own travel arrangements to Strasbourg.

Number of Participants: 3

Submission/Exam: presentation/essay 31.03.25

Focus of study: Architectural and Cultural Heritage

T

4.26 Course: Impromptu Designs [T-ARCH-107346]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: M-ARCH-103612 - Impromptu Designs

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

Events					
ST 2024	1700053	Stegreif nach freier Wahl		Project (P / 🎧)	von Both, Dörstelmann, Engel, Frohn, Hartmann, Hebel, Inderbitzin, La Magna, Morger, Nepl, Wappner
ST 2024	1710110	Impromptu Designs (Frohn): UNPLANNED PLANS	1 SWS	Project (P / 🎧)	Frohn, Mori, Wasel
ST 2024	1710380	Stegreif: Artistic Interpretation and Reflection in Engagement with the Prinzhorn Collection	1 SWS	Project (P / 🎧)	Craig, Pawelzyk
ST 2024	1710381	Stegreif : Art in Public Space	1 SWS	Project (P)	Craig, Pawelzyk
ST 2024	1710382	Stegreif: Jeff Wall	1 SWS	Project (P / 🎧)	Craig, Pawelzyk
ST 2024	1710383	Impromptu Designs (Craig) : #sit with trees: sustainable seating design between park and field	1 SWS	Project (P / 🎧)	Craig, Schelble
ST 2024	1710458	Impromptu: A New Appearance for the Faculty Yearbook	1 SWS	Project (P / 🎧)	Rambow, Alkadi, Engel
ST 2024	1720504	Impromptu Designs (Wappner)	1 SWS	Project (P / 🎧)	Wappner, Kochhan, Häberle, Calavetta
ST 2024	1720655	Stegreif "SEASONAL DRESS" (Klinge)	1 SWS	Project (P / 🎧)	Klinge, Weber, Michalski
ST 2024	1720709	Impromptu Design (von Both): Bird House	1 SWS	Project (P / 🎧)	von Both, Koch
ST 2024	1720811	Stegreif (Dörstelmann)	1 SWS	Project (P / 🎧)	Dörstelmann
ST 2024	1720919	Impromptu Designs (Wagner R.): pouring structures	1 SWS	Project (P / 🎧)	Wagner, Mildenerger, Ge
ST 2024	1720920	Impromptu Designs (Wagner R.): Sails light and mobil	1 SWS	Project (P / 🎧)	Wagner, Ge, Sickinger
ST 2024	1720981	Impromptu Design: Free Topic	1 SWS	Project (P / 🎧)	Wagner
ST 2024	1731091	Stegreif (Nepl): Central Vista: An Alternative Urban Vision for Lutyens' New Delhi	1 SWS	Project (P / 🎧)	Nepl, Giralt
ST 2024	1731166	Impromptus Urban Design Project (Engel) - City Concepting	1 SWS	Project (P / 🎧)	Engel
ST 2024	1731266	Impromptus Urban Design Project (Multerer/Inderbitzin):The Architecture of the Door	1 SWS	Project (P / 🎧)	Inderbitzin, Multerer, Schork, Zickert, Zlokapa, von Zepelin
WT 24/25	1700053	Stegreif nach freier Wahl		Project (P)	von Both, Dörstelmann, Engel, Frohn, Hartmann, Hebel, Inderbitzin, Morger, Nepl, Wappner
WT 24/25	1710113	Impromptu: Unplanned Plans (Frohn)		Project (P)	Frohn

WT 24/25	1710370	Stegreif: talk_talk_talk: Litfaßsäule	1 SWS	Seminar / 🗣️	Craig, Schelble
WT 24/25	1720505	Stegreif (Wappner)		Project (P)	Wappner
WT 24/25	1720709	Stegreif Kaiserwetter (von Both)	1 SWS	Project (P / 🔄)	von Both, Seiler-Cuesta
WT 24/25	1720811	Stegreif (Dörstelmann)	1 SWS	Project (P / 🗣️)	Dörstelmann
WT 24/25	1720908	Impromptu: Creative space - walking nets with wooden branches (R. Wagner)	1 SWS	Project (P / 🗣️)	Wagner, Ge, Sickinger
WT 24/25	1731062	Stegreif: Title and Topic to be Announced (Neppl)		Project (P / 🔄)	Neppl
WT 24/25	1731166	Impromptus Urban Design Project (Engel)		Project (P / 🗣️)	Engel
WT 24/25	1731266	Stegreif (Inderbitzin)	1 SWS	Project (P / 🔄)	Inderbitzin, Schork, Zickert, von Zepelin

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

Competence Certificate

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 events related to this course:

V

Impromptu Designs (Frohn): UNPLANNED PLANS

1710110, SS 2024, 1 SWS, Language: German/English, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

As part of the research project "Typological Resilience", we are investigating the potential of converting vacant office buildings to residential purposes.

In the last semester, suitable Residential references were translated into machine-readable grammars and their underlying spatial parameters were defined.

The goal of the Stegreif "Unplanned Plans" is to examine these parameters and grammars. With the help of geometric ordering principles, these spatial relationships are to be mapped without knowing the original reference.

The question is, under what conditions do new or familiar floor plans emerge?

Which architectural monsters or exact 1:1 copies result from the previously defined rules?

How close or distant are the generated floor plans to their original?

Max. 15 students

Time and place will be announced.

V

Stegreif: Artistic Interpretation and Reflection in Engagement with the Prinzhorn Collection

1710380, SS 2024, 1 SWS, Language: German, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

Reflection in dealing with the Prinzhorn Collection

The Prinzhorn Collection is an important collection of works of art created by patients in mental institutions. It contains a large number of works, including paintings, drawings and sculptures created between 1840 and 1945. The collection was put together by the German psychiatrist and art collector Hans Prinzhorn.

After a visit to the Prinzhorn Collection, you will create your own artwork inspired by the works in the Prinzhorn Collection. Use similar styles, techniques or themes that you discovered during your visit. Write a short essay in which you make the connection between the works of art exhibited in the Prinzhorn Collection and the subject matter of your own work. Discuss how art can serve as a means of expressing emotional states. Describe your personal emotional reactions to certain works of art in the Prinzhorn Collection. Explain how these works have influenced your view of mental health and creative expression.

1st date: Issue/ consultation date: June 4, 14:00 (see notice), 20.40 R204 Drawing Room/ Fine Arts

2nd date: In the Prinzhorn Collection in Heidelberg

Delivery: digital

**Stegreif: Art in Public Space**

1710381, SS 2024, 1 SWS, Language: German, [Open in study portal](#)

Project (PRO)**Content**

Planning and realization of an action/performance in public space + written documentation and reflection.

Think about an action or performance for a work of art in public space in the city of Karlsruhe (<https://m.karlsruhe.de/db/kunst/name>). Prior engagement with these art forms is obligatory. Think about whether and, if so, which utensils you need for this and produce or obtain them. All participants and co-invitees accompany the individual actions and performances at the selected locations in a course that has been jointly determined in advance. The impromptu can be performed alone or as a group.

Output: July 18.24 14:00

Meeting point: at the "Big Mutter", Campus Süd, Str. am Forum 7, 76131 Karlsruhe, Germany

2nd meeting: DigitalIn Zoom, we will exchange ideas and selected artworks (date to be determined on the handout date).

3rd date/submission: Joint tour of the individual artworks and the corresponding actions/performances + a written submission. The written, digital submission should contain a brief description of the selected artwork and information about the artist, as well as a derivation and justification of the artist's own artistic work.

**Stegreif: Jeff Wall**

1710382, SS 2024, 1 SWS, Language: German, [Open in study portal](#)

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

Create a short analysis of a selected work by Jeff Wall, and based on that work, produce your own artistic piece. The submission should address the following aspects: the use of large-scale staging, the role of lighting techniques, the integration of digital image editing, and the presence of narrative elements. Consider how these artistic decisions contribute to the creation of a complex visual narrative. Pay particular attention to how Wall, through careful planning and technical finesse in his photographs, generates a specific atmosphere or mood, encouraging the viewer to develop their own stories within the depicted scene.

1st Meeting: April 16, 2024, Issue/Consultation Session, 2:00 PM Room R204, Studio for Visual Arts

2nd Meeting: April 18, 2024, at the Fondation Beyerle exhibition in Basel

Submission/Presentation: May 8

**Impromptu Designs (Craig) : #sit with trees: sustainable seating design between park and field**

1710383, SS 2024, 1 SWS, Language: German, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

The improvised **#sittingwithtrees: sustainable seating design between park and field** deals with the transformation of bulky waste fragments into sculptural, stable seating for outdoor spaces. The aim is to analyze the needs of potential users in relation to art in the context of cultivated natural spaces as well as the aesthetic possibilities that arise from the existing material. The aim is to set up the resulting workpieces for use in a suitable location.

Issue: Monday 06.05.2025, 10.00 a.m. Building 20.40 Room 221

Presentation: Friday 03.06. 10.00 am, 10.00 am Meriske West, Rheinstetten

Unlimited number of participants

**Impromptu: A New Appearance for the Faculty Yearbook**

1710458, SS 2024, 1 SWS, [Open in study portal](#)

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

Content

After three issues, the design of which emerged from a Stegreif in the summer term of 2021, the challenge of giving the yearbook a new face for the next three years is currently pending. In the Stegreif, you have one week to develop a concept that visually sums up the values and the self-image of the KIT Faculty of Architecture and transports it into the future. The best work will be realized.

First Meeting: Wed, 17.04.2024, 1-2 pm, Bldg. 20.40, R 204 (Drawing Room)

Submission/Presentation: Wed, 24.04.2024, 2-6 pm, Bldg. 20.40, R 204 (Drawing Room)

Number of Participants: 20

Focus of study: Architectural and Cultural Heritage

**Stegreif "SEASONAL DRESS" (Klinge)**

1720655, SS 2024, 1 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

We invite you to our impromptu event in which we assemble the façade of the Seasonal Salon using local biogenic materials.

The Seasonal Salon is much more than just a pavilion. It stands for experimental and circular building with local renewable raw materials and crosses different places and climate zones on its journey from Rome to Riga. The project was conceived and implemented by architect Prof. Susanne Brorson as part of her scholarship at Villa Massimo.

During its stop in Stuttgart, the pavilion will be temporarily erected on a historic, currently derelict site in the Weißenhofsiedlung. During the opening weekend from July 18 to 21, 2024, it will be open to the public and "clad" with biogenic materials as part of our impromptu project.

The outer walls will be clad with local, renewable raw materials such as grasses and other paludicultures. We see the impromptu not only as an opportunity to participate in the implementation of the façade of the Seasonal Salon, but also as a unique opportunity to design, analyze and document further façade solutions in advance.

Following the theoretical work, we will gain valuable practical experience in the field of sustainable construction methods and their design and implementation together in the implementation of the façade of the Seasonal Salon by Prof. Susanne Brorson.

We would be delighted if you would take this opportunity to work with us on this exciting project and make your contribution to the creation of the Seasonal Salon!

27.06. Presentation of the task - start 10.00am @KIT Konstruieren und Entwerfen seminar room

11.07. Presentation of the designs and models

18.07. Applying the façade cladding in Stuttgart 10:00 to 16:00

20.07. 11:00 - 16:30, end

01.08. Façade cladding finals - submission of documentation.

**Impromptu Design (von Both): Bird House**

1720709, SS 2024, 1 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
Online

Content

We set ourselves the impromptu task of building a functional bird house whose design draws on the formal language of a well-known architectural personality. At the beginning of the project, you will analyze these design elements and then implement them in a 1:1 model.

Hand over: Monday 22.04.2024, 01:00 pm Seminar Room BLM

Presentation: Monday 13.05.2024, 17:00 pm

Number of Participants: unlimited

**Stegreif (Dörstelmann)**

1720811, SS 2024, 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 Designs (Wagner R.): pouring structures**

1720919, SS 2024, 1 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

Gypsum is an omnipresent and widely used material that has many positive properties due to the binding of water of crystallization. Among them is its ability to be cast. In the Impromptu designs, an introduction to multipart mould making will be given at the beginning, as well as elementary basic practices and techniques. The mixing ratio of plaster with water plays an important role.

In the multiplication possibility of plaster casting, modular forms are offered, which can become cluster-like structures. The implementation will be done in a free assignment, which will be announced in the course.

Block event June 21th and 22th 2024,

Delivery/Examination: Fri, Aug. 09th 2024

Number of participants: ca. 50

Location: Campus West, building 06.34

**Impromptu Designs (Wagner R.): Sails light and mobil**

1720920, SS 2024, 1 SWS, Language: German/English, [Open in study portal](#)

Project (PRO)
On-Site

Content

With Stegreif, students in the Master's degree program in Architecture are encouraged to design manageable, experimental sails, as they can be found as accessories on ships. For this purpose, concepts have to be developed in which the lightness of the constructions comes into play. Like all pre-stressed and flexible structures, sails have an approach to the design task that goes beyond design intentions and formal requirements. The structures arise from an internal equilibrium due to the pre-stressing and evade the free will of design.

The focus is on the curiosity in developing the structures and the joy in building models. Fun in building and interest in new things are great driving forces, which are reflected in the effect and expression of buildings.

The students bring with them openness, a desire for improvisation and perseverance in order to work on the elaboration in self-organized groups. The Stegreif will be offered as a block event at the beginning of the summer semester 2024 as part of the Textile Roofs 2024 event in Berlin on a seminar ship.

First meeting: Tuesday April 16th 2024, 4.00 p.m. Campus West Hertzstrasse 16 76187 Karlsruhe, Gebäude. 06.34

Implementation period: April 27th to 30th 2024

Submission/Presentation: April 30th 2024

Number of Participants: max. 15

Focus of study: Building Technology or structures

**Impromptu Design: Free Topic**

1720981, SS 2024, 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 (Neppi): Central Vista: An Alternative Urban Vision for Lutyens' New Delhi Project (PRO)**1731091, SS 2024, 1 SWS, Language: English, [Open in study portal](#)**On-Site****Content**

Today's metropolis of Delhi has been an important political centre since historical times.

The relatively small part of the megacity, known as New Delhi, is primarily home to the government district of the Indian capital. It was built during the British Empire according to the urban design developed by Sir Edwin Lutyens, which is based on the classical urban planning principles of the Renaissance period. The main axis of the neighbourhood, known as the Central Vista, was conceived as a representative urban space connecting the President's Residence with India Gate. The surrounding government quarter is currently being redeveloped by the Indian government according to a new urban masterplan.

The assignment is to analyse and critically question both the historical urban design of Lutyens and the specifications of the current master plan. Based on these findings, an urban development concept for Central Vista is being developed and summarised in a framework plan and corresponding urban design guidelines.

Note: Please pre-register by e-mail at: angelina.amoroso@kit.edu

First Meeting: 16.05.2024, 5:15 pm, Bldg. 11.40, R 015

Input lecture: 17.05.2024, 9:45 am, online

Supervision: 24.05.2024, 9:45 am – 1:00 pm, Bldg. 11.40, R 015

Submission/Presentation: 31.05.2024, 9:45 am – 1:00 pm, Bldg. 11.40, R 015

Focus of study: Urban Design

**Impromptus Urban Design Project (Engel) - City Concepting**1731166, SS 2024, 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 (Multerer/Inderbitzin):The Architecture of the Door**1731266, SS 2024, 1 SWS, Language: German/English, [Open in study portal](#)**Project (PRO)
On-Site****Content**

The door is an essential architectural element as it connects the outside with the inside, enabling human habitation. In residential construction, it plays a vital role in structuring movement between the rooms of a home. The circulation within the living space also determines our way of life. This project aims to explore the potential of an impromptu floor plan by creating various spatial connections and doors. The urban condition for the exercise is predetermined. The submission includes a floor plan and a section, along with a brief explanation of the narrative.

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

Bldg. 11.40, R 115, Presence

Submission/Presentation: 12.6.2024, 11:30 am -14.30 pm, Geb. 11.40, R 115, Presence

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

**Stegreif nach freier Wahl**1700053, WS 24/25, 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: Unplanned Plans (Frohn)**1710113, WS 24/25, SWS, Language: English, [Open in study portal](#)**Project (PRO)****Content**

To be announced

**Stegreif: talk_talk_talk: Litfaßsäule**1710370, WS 24/25, 1 SWS, Language: German, [Open in study portal](#)**Seminar (S)
On-Site****Content**

The impromptu **#talk_talk_talk: advertising pillar** deals with the design of the advertising pillar communication platform. The task develops along the parameters of aesthetics and function. To this end, both the sensory possibilities and needs of senior citizens and the discourse field of "beauty" are to be included in the design. The impromptu takes place in cooperation with the volunteer-run Café Bändel. www.cafebandel.de

Supervision: Indra Schelble, Department of Fine Arts

Issue: Friday 13.12.2024, 14.00 Café Bändel, Breite Str. 58, 76135 Karlsruhe Presentation:**Presentation:** Friday 17.01. 14.00, 14.00 Café Bändel, Breite Str. 58, 76135 Karlsruhe**Stegreif (Wappner)**1720505, WS 24/25, SWS, Language: German, [Open in study portal](#)**Project (PRO)****Content**

Subject and appointment view announcement

Organizational issues

Thema und Termin siehe Aushang

**Stegreif Kaiserwetter (von Both)**1720709, WS 24/25, 1 SWS, Language: German/English, [Open in study portal](#)**Project (PRO)
Blended (On-Site/Online)****Content**

We have set ourselves the task of finding a design solution to shading Kaiserstrasse. Kaiserstrasse is the heat hot spot in Karlsruhe. Constructive solutions are being sought that not only offer sun protection but also additional added value for the Kaiserstrasse

Appointment presentation task: Tue.,22/10/2024 09.00 am, Seminar Room BLM**Hand out Präsentation Result:** Tuesday, 12/11/2024, 12:00 pm**Stegreif (Dörstelmann)**1720811, WS 24/25, 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 131.

**Impromptu: Creatvie space - walking nets with wooden branches (R. Wagner)**1720908, WS 24/25, 1 SWS, Language: German/English, [Open in study portal](#)**Project (PRO)
On-Site**

Content

Block course March 11. - 14. 2025

The Stegreif with a 4-day workshop to introduce you to experiencing, feeling and testing out rope nets and how to support these nets with branch forks. Accompanied by Torsten Frank, senior technical director of Kompan, Berlin.

Location: Westhochschule, Bldg. 06.34, R 006

Mandatory participation in the workshop on 11 + 14.03.2025 from 10.00 a.m. to 4.00 p.m.

Issue of the impromptu task on 12.03.2025

Presentation on 28.03.2025

**Stegreif: Title and Topic to be Announced (Neppl)**

1731062, WS 24/25, SWS, Language: German/English, [Open in study portal](#)

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

Content

To be announced.

First meeting: Bldg. 11.40, R015

Pin-up: Bldg. 11.40, R015

Excursion:

Submission/Presentation: Bldg. 11.40, R015

Final discussion: Bldg. 11.40, R015

Focus of study: Urban Design

**Impromptus Urban Design Project (Engel)**

1731166, WS 24/25, SWS, Language: German/English, [Open in study portal](#)

**Project (PRO)
On-Site**

Content

Theme is to be announced on the Homepage.

Issue Topic: tba

Submission/Presentation: tba

Form: Individual Work

Focus of study: Urban Design

Number of Participants: unlimited

**Stegreif (Inderbitzin)**

1731266, WS 24/25, 1 SWS, Language: German, [Open in study portal](#)

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

Content







See announcement for topic and date.





T

4.27 Course: Independent Student Research Project [T-ARCH-107382]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103639 - Research Fields](#)

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

Events					
ST 2024	1700054	Independent Student Research Project	1 SWS	Project (P / )	von Both, Dörstelmann, Engel, Frohn, Hartmann, Hebel, Hinterwaldner, Inderbitzin, Jehle, Karmann, Klinge, La Magna, Medina Warmburg, Meister, Morger, Neppl, Rambow, Wagner, Wagner, Wappner
ST 2024	1720562	Independent Research Project: Accessibility, Comfort and Resilience	1 SWS	Project (P / )	Karmann
ST 2024	1720809	Freie Studienarbeit: Digital Design and Fabrication	1 SWS	Seminar / )	Dörstelmann
ST 2024	1720980	Independent Student Research Project: Building Physics or Technical Building Services	0.5 SWS	Project (P / )	Wagner, Risetto, Mino Rodriguez, Mann, Bartsch
WT 24/25	1720809	Freie Studienarbeit: Digital Design and Fabrication	1 SWS	Seminar / )	Dörstelmann
WT 24/25	1720980	Independent Student Research Project	0.5 SWS	Others (sons / )	Wagner, Mann, Mino Rodriguez, Alanis Oberbeck

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

Competence Certificate

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 events related to this course:

V

Independent Student Research Project

1700054, SS 2024, 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 2024, 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 2024, 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

Freie Studienarbeit: Digital Design and Fabrication**Seminar (S)
On-Site**1720809, WS 24/25, 1 SWS, Language: German/English, [Open in study portal](#)**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**Others (sonst.)
On-Site**1720980, WS 24/25, 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

4.28 Course: Indoor Lighting Technology and Concepts [T-ARCH-111337]

Responsible: Prof. Andreas Wagner
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105680 - Special Topics of Building Physics](#)

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

Events					
WT 24/25	1720963	Special Topics of Building Physics: Lighting Technologies and Concepts for Spaces	2 SWS	Lecture / 	Wagner, Alanis Oberbeck

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

Competence Certificate

Oral exam of 25 minutes on the contents of the course.

Prerequisites

none

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

V

Special Topics of Building Physics: Lighting Technologies and Concepts for Spaces Lecture (V) On-Site

1720963, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

Content

The students get insight into lighting technology and design from an architectural perspective. The lectures address physical and physiological fundamentals with regard to light, questions of perception, the interrelation between light and health, basic lighting terminology, daylighting, artificial light sources, lighting control as well as calculation and simulation approaches. Embedded project work examines characteristics and key indicators which have been introduced in the lectures for selected spaces. For qualification targets see module handbook.

Appointment: Mon. 11:30 AM - 13:00 PM, 20.40, Grüne Grotte

Mon. 14:00 PM - 15:30 PM, (fortnightly) 20.40, Grüne Grotte

First meeting: Mon. 28.10.2024, 11:30 AM - 13:00 PM,

Submissio/Exam: 03.03.2025,

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 “Noise Protection and Acoustics” in the winter term or with “Fire Protection” or “Energy-efficient Buildings” in the summer term.

Literature

Vorlesungsunterlagen als pdf, Empfehlungen für weiterführende Literatur

T

4.29 Course: Integral Planning [T-ARCH-107359]

Responsible: Prof. Dr.-Ing. Petra von Both
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103617 - Integral Planning](#)

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

Events					
ST 2024	1720703	Integral Planning - Method-based Design	4 SWS	Lecture / Practice (/ ☞)	von Both
WT 24/25	1720703	Integral Planning: Method-based Design	4 SWS	Lecture / Practice (/ ☞)	von Both

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

Competence Certificate

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 events related to this course:

V

Integral Planning - Method-based Design

1720703, SS 2024, 4 SWS, Language: German, [Open in study portal](#)

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

Content

Planning and Design Methods help us to separate from traditional, partly unconsciously used Solution Patterns and to consciously expand the Solution Space. They can support us in the Analysis of the "Planning Problem" as well as in the Development of Solution Approaches and Planning Concepts and in the Decision-Making Process. During the Course, selected Methods for the different Planning Phases will be presented and applied in Exercises. In addition to an Introduction to the Basics of Planning and Design Methodology, Creativity Techniques, Methods for Function - Based - Planning, Morphological Methods for Conceptual Design as well as Formal Methods for Form - Finding will be taught.

Supervision and workshop partly online via MSTeams, Miro Board

First Meeting: Tuesday, 16.04.2024, 9:45 am, Seminar Room BLM

Appointments: Tuesdays, 09:45 am-11:15 am, / 1:00 pm, Mix of Presence and Online

Submission/Exam: Tuesday, 06.08.2024, 09.45 am

Number of Participants: 10

V

Integral Planning: Method-based Design

1720703, WS 24/25, 4 SWS, Language: German, [Open in study portal](#)

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

Content

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

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

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

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

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


6 Bachelor/ 6 Master





T

4.30 Course: Interdisciplinary Design of Steel Structures [T-ARCH-113852]

Responsible: Prof. Dr.-Ing. Riccardo La Magna
Organisation: KIT Department of Architecture
Part of: [M-ARCH-106915 - Interdisciplinary Design of Steel Structures](#)

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

Events					
WT 24/25	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

Competence Certificate

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 events related to this course:

V

Interdisciplinary Design of Steel Structures: Design and Construction of a Footbridge Seminar (S)

1720755, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

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: 22.10.24; 14:00; Building 20.40; Room 113

Regular date: Tuesday 14:00 - 15:30

Submission/exam: 04.03.2025 (TBD)

Number of participants: 15

T

4.31 Course: Interdisciplinary Design of Timber Structures [T-ARCH-112497]

Responsible: 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 scale	Recurrence	Expansion	Version
Examination of another type	4	Grade to a third	Each summer term	1 terms	1

Events					
ST 2024	1720755	Rise Above – Interdisciplinary Design of Timber Structures		Seminar /	La Magna, Dietsch, Bertram, Müller
ST 2024	6213803	Interdisciplinary Structural Development in Timber Construction	4 SWS	Lecture / Practice (/	Dietsch, La Magna
WT 24/25	6213904	Timber Structures: Materials and Appropriate Design	4 SWS	Lecture / Practice (/	Sandhaas, Frese, La Magna, Kuck, Müller

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

Competence Certificate

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 events related to this course:

V

Rise Above – Interdisciplinary Design of Timber Structures

1720755, SS 2024, SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

Designing an observation tower usually involves close collaboration between architects and civil engineers. Such a task awaits you in this interdisciplinary seminar: in "Rise Above," the design of a timber observation tower is tackled in collaboration with students of civil engineering. The projects are developed in mixed groups, with each member contributing their specific knowledge to collectively develop a detailed timber project from the initial design phase. The aim of this course is to train students of both fields within an interdisciplinary spectrum. This not only imparts an understanding of statics, structural engineering, and timber construction but also enhances interdisciplinary 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 compulsory master module „Building and Structure – Tragwerksplanung und Struktur“.

First Meeting: 16.04.2024; 03:45 pm

Bldg. 10.50, HS 102

Regular meeting: Tuesday 03:45 pm – 05:15 pm

Submission/Exam: to be announced

Number of Participants: 16

Focus of study: Building Technology

V

Interdisciplinary Structural Development in Timber Construction

6213803, SS 2024, 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 18.04. 9:45 am - 1.00 pm), Bldg.10.50 room 502 Campus Süd chair library timber construction

Appointment weekly

compulsory excursions according to agreement

Interdisciplinary group work, examination

Condition for participation:

Condition for participation:

Recommendation is the successful completion of the seminar on building materials and material-specific constructions in timber construction

Organizational issues

Geb. 10.50, Raum 502

V

Timber Structures: Materials and Appropriate Design

6213904, WS 24/25, 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.

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: 25.10.2024; 2:00 p.m.

Rule date: Friday 2:00 p.m. – 5:15 p.m.

Delivery/Examination: after announcement!

Number of participants: unlimited

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

4.32 Course: International Urban Design [T-ARCH-107376]

Responsible: Prof. Dr.-Ing. Barbara Engel
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103634 - International Urban Design](#)

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

Events					
ST 2024	1731171	International Urban Design: Metropol.X. Pristina. Crises and Challenges	2 SWS	Seminar / 	Engel, Lev
WT 24/25	1731171	International Urban Design: Metropol.X – Santiago de Chile	2 SWS	Seminar / 	Engel, Staab

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

Competence Certificate

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 events related to this course:

V

International Urban Design: Metropol.X. Pristina. Crises and Challenges

1731171, SS 2024, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

Pristina faces many challenges: Uncontrolled construction activity and a growing housing shortage, an increase in social inequality, a deficit in green spaces and the congestion of the transport infrastructure characterize the capital of Kosovo. A lack of governance structures and weak institutions encourage corruption and illegal developments. How can resilient urban development succeed in the face of these crises? In the seminar, selected aspects of the city will be mapped, critically evaluated and finally visualized. The result will be an atlas of Pristina's contemporary urban landscape.

Appointment: Tue 11:30 am -1:00 pm, 11.40 R013

First Meeting: Tue 16.04.2024

Submission: Tue 13.08.2024

Number of Participants: 15 (BA+ MA)

Groupwork: Single/Teams of two

Focus of Study: Urban Design

In WS 24/25, an Urban Design Studio Workshop in Pristina will be offered.

V

International Urban Design: Metropol.X – Santiago de Chile

1731171, WS 24/25, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

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

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

First Meeting: Tue 22.10.2024

Pin-up: Tue 03.12.2024

Presentation: Tue 04.02.2025

Submission: Tue 04.03.2025

Number of Participants: 12 (MA)

Groupwork: Teamwork

Focus of Study: Urban Design

T

4.33 Course: Landscape Typologies [T-ARCH-107379]

Responsible: Prof. Henri Bava
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103637 - Landscape Typologies](#)

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

Competence Certificate

Other examination requirements consisting of a 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

T

4.34 Course: Lecture Series 1 [T-ARCH-111335]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105676 - Lecture Series](#)

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

Events					
ST 2024	1710409	Lecture Series Architectural Theory: Terms of Engagement	2 SWS	Lecture / 🗣️	Meister, Knoop, Wilkinson
ST 2024	1730000	Lecture Series IESL: Ideas and Theories about the City. Books on Urban Planning "Classics and Newcomers"	2 SWS	Lecture / 🗣️	Neppl, Engel, Inderbitzin, Lev, Zeile
WT 24/25	1700003	Lecture Series IEB - Materials Turnaround Lecture Series	2 SWS	Lecture / 📱	Hebel

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

Prerequisites

none

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

V

Lecture Series Architectural Theory: Terms of Engagement

1710409, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)

**Lecture (V)
On-Site**

Content

In the lecture series "Terms of Engagement" we will work toward key concepts of architectural theory and history. Each lecture will present, examine and scrutinise 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.

Focus of study: Architectural and Cultural Heritage

Tuesday 17.30-19.00pm

Tue 09.07 17-20pm, Final event at the Architekturschaufenster: AT goes A SF

V

Lecture Series IESL: Ideas and Theories about the City. Books on Urban Planning "Classics and Newcomers"

1730000, SS 2024, 2 SWS, Language: German, [Open in study portal](#)

**Lecture (V)
On-Site**

Content

Urban development ideas, plans and developments have always been the subject of social, political and professional debate.

Renowned authors have published their theories and reflections on the city. They have produced essays, manifestos and polemics such as *Delirious New York* by Rem Koolhaas, *The Architecture of the City* by Aldo Rossi, *Learning from Las Vegas* by Robert Venturi and many more. What significance do these publications have for today's debate on the city?

As part of the lecture series, books on the history of ideas of the city, which are now considered "classics" or "newcomers" in specialist literature, will be presented and reflected on against the background of current discourses.

Appointment: Tue, 15:45-17:15, Geb. 20.40, Egon-Eiermann-Hörsaal

Lecture dates: 16.04.24, 23.04.24, 30.04.24, 07.05.24, 14.05.24, 28.05.24, 04.06.24, 11.06.24, 18.06.24

Oral exam: 25.06.2024

Study focus: Urban planning

**Lecture Series IEB - Materials Turnaround Lecture Series**1700003, WS 24/25, 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

1st Appointment: 22.10.2024




Tuesdays 15:45-17:15 by Zoom





Link for Zoom is in Ilias-Course

T

4.35 Course: Lecture Series 2 [T-ARCH-111336]**Organisation:** KIT Department of Architecture**Part of:** [M-ARCH-105676 - Lecture Series](#)

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

Events					
ST 2024	1710409	Lecture Series Architectural Theory: Terms of Engagement	2 SWS	Lecture / 	Meister, Knoop, Wilkinson
ST 2024	1730000	Lecture Series IESL: Ideas and Theories about the City. Books on Urban Planning "Classics and Newcomers"	2 SWS	Lecture / 	Neppl, Engel, Inderbitzin, Lev, Zeile
WT 24/25	1700003	Lecture Series IEB - Materials Turnaround Lecture Series	2 SWS	Lecture / 	Hebel

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

none

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

V

Lecture Series Architectural Theory: Terms of Engagement1710409, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)**Lecture (V)
On-Site****Content**

In the lecture series "Terms of Engagement" we will work toward key concepts of architectural theory and history. Each lecture will present, examine and scrutinise 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.

Focus of study: Architectural and Cultural Heritage

Tuesday 17.30-19.00pm

Tue 09.07 17-20pm, Final event at the Architekturschaufenster: AT goes A SF

V

Lecture Series IESL: Ideas and Theories about the City. Books on Urban Planning "Classics and Newcomers"1730000, SS 2024, 2 SWS, Language: German, [Open in study portal](#)**Lecture (V)
On-Site****Content**

Urban development ideas, plans and developments have always been the subject of social, political and professional debate.

Renowned authors have published their theories and reflections on the city. They have produced essays, manifestos and polemics such as *Delirious New York* by Rem Koolhaas, *The Architecture of the City* by Aldo Rossi, *Learning from Las Vegas* by Robert Venturi and many more. What significance do these publications have for today's debate on the city?

As part of the lecture series, books on the history of ideas of the city, which are now considered "classics" or "newcomers" in specialist literature, will be presented and reflected on against the background of current discourses.

Appointment: Tue, 15:45-17:15, Geb. 20.40, Egon-Eiermann-Hörsaal

Lecture dates: 16.04.24, 23.04.24, 30.04.24, 07.05.24, 14.05.24, 28.05.24, 04.06.24, 11.06.24, 18.06.24

Oral exam: 25.06.2024

Study focus: Urban planning

V

Lecture Series IEB - Materials Turnaround Lecture Series1700003, WS 24/25, 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

1st Appointment: 22.10.2024

Tuesdays 15:45-17:15 by Zoom

Link for Zoom is in Ilias-Course

T

4.36 Course: Master's Thesis [T-ARCH-111362]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105693 - Module Master's Thesis](#)

Type	Credits	Grading scale	Recurrence	Version
Final Thesis	30	Grade to a third	Each term	3

Competence Certificate

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


Submission deadline	6 months
Maximum extension period	3 months
Correction period	8 weeks





T

4.37 Course: Methods, Strategies and Mechanisms of Urban Design [T-ARCH-107411]

Responsible: 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 scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each winter term	1

Events					
WT 24/25	1731173	Methods, Strategies and Mechanisms of Urban Design: City in Focus. Interdisciplinary Planning and Designing	2 SWS	Seminar / 	Engel, Neppl, Kannen

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

Competence Certificate

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 events related to this course:

V

Methods, Strategies and Mechanisms of Urban Design: City in Focus. Interdisciplinary Planning and Designing

1731173, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

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

Content

In order to be able to meet the complex challenges of urban development, the understanding and knowledge of methods and tools of urban planning as well as formats of communication and participation in planning are of central importance. Demographic change, the integration of immigrant people, changed forms of mobility and the threat to natural livelihoods as well as increasing digitalization are changing cities and the requirements for planning. In the seminar, an understanding of the interrelationships and interrelationships of design, technical, economic, ecological and social issues in urban development and urban planning in sociology, urban technology and economics as well as planning law is conveyed and discussed in reflection groups.

The seminar is operated in cooperation with the University of Stuttgart.

Appointment: Mon 2:00 - 3:30 pm, 11.40, online

First Meeting: Mon 21.10.2024, 2.00 pm, online

Reflectiondays: 11.11.2024, 02.12.2024, 13.01.2025, 03.02.2025

Submission/Exam: 03.03.2025

Number of Participants: 12

Form: teamwork, interuniversity

Focus of study: Urban Design

T

4.38 Course: Office Hospitation [T-ARCH-109969]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105682 - Key Qualifications](#)

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

Events				
ST 2024	1700049	Office Hospitation		/

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

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

V

Office Hospitation1700049, SS 2024, SWS, [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:

Duration: approx. 60 hours 2LP

T

4.39 Course: Participation Doctoral Colloquium [T-ARCH-112875]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103639 - Research Fields](#)

Type	Credits	Grading scale	Version
Completed coursework	0	pass/fail	1

Events					
ST 2024	1700018	Doctoral Colloquium	0 SWS	Colloquium (K / 🗣️)	Wagner

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

Competence Certificate

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 events related to this course:

V

Doctoral Colloquium

1700018, SS 2024, 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 possible future forms of Master's theses

Short presentations on current doctoral theses of the faculty


Wednesday 08.05.2024 14:00-17:30





T

4.40 Course: Performance Analysis for Buildings [T-ARCH-107362]

Responsible: Prof. Andreas Wagner
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103620 - Performance Analysis for Buildings](#)

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

Events					
WT 24/25	1720972	Performance Analysis for Buildings	2 SWS	Seminar / 	Wagner, Mino Rodriguez

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

Competence Certificate

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 events related to this course:

V

Performance Analysis for Buildings

1720972, WS 24/25, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

This seminar provides students with comprehensive knowledge of Ladybug and Honeybee tools, which are essential for environmental modelling in design. By utilizing Ladybug tools, students can gain an in-depth understanding of climate analysis, while Honeybee supports thermodynamic modelling through EnergyPlus. These tools, in combination with Grasshopper and Rhino software, provide a dynamic and iterative platform that facilitates environmental decision-making during the early design phase of a project. The seminar covers both theoretical and practical aspects of passive design concepts, as well as energy demand and thermal comfort evaluation. Furthermore, the course is topic-oriented and includes exercises that are based on a specific case study. For more information on the marking scheme and seminar objectives, please refer to the module manual.

Appointment: Tue, 02:00 PM - 03:30 PM 20.40, Architektur, R240

First meeting: Tue, 22.10.2024, 02:00 PM

Submission/Exam: 04.03.2025

T

4.41 Course: Photogrammetry for Architects [T-BGU-108204]

Responsible: Dr.-Ing. Thomas Vögtle
Organisation: KIT Department of Civil Engineering, Geo and Environmental Sciences
Part of: [M-BGU-104001 - Photogrammetry for Architects](#)

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

Events					
ST 2024	6072204	Photogrammetry of Architecture	4 SWS	Lecture / Practice (/ ☞)	Weidner
WT 24/25	6072204	Photogrammetry in Architecture	3 SWS	Lecture / Practice (/ ☞)	Weidner

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

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

V

Photogrammetry of Architecture

6072204, SS 2024, 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, 11:30 - 15:30

1st meeting: Fri, 22.04.2022

Number of participants: 10 Master, 10 Bachelor

V

Photogrammetry in Architecture

6072204, WS 24/25, 3 SWS, Language: German, [Open in study portal](#)

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

Content

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

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

1st meeting: Fri, 27.10.2023

Exam / Final presentation: 08.12.2023

Organizational issues

1. Hälfte der Vorlesungszeit





T

4.42 Course: Planning and Building with Light [T-ARCH-107363]

Responsible: Prof. Andreas Wagner
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103621 - Planning and Building with Light](#)

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

Events					
ST 2024	1720974	Planning and Building with Light	2 SWS	Seminar / 	Wagner, Alanis Oberbeck

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

Competence Certificate

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 events related to this course:

V

Planning and Building with Light

1720974, SS 2024, 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. 22.04.2024 11:30 AM

Examination: 05.08.2024

Number of Participants: 16

T

4.43 Course: Planning and Constructing [T-ARCH-108456]

Responsible: Prof. Ludwig Wappner
Organisation: KIT Department of Architecture
Part of: [M-ARCH-104076 - Planning and Constructing](#)

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

Events					
ST 2024	1720506	Planning and Constructing: Extended Re-Use - Gewerbe	2 SWS	Seminar / 🗣️	Wappner, Häberle, Calavetta
ST 2024	1720657	Planning and Constructing: : Together for the Building Turnaround (Klinge)	4 SWS	Lecture / 🔄	Klinge, Michalski, Weber
WT 24/25	1720506	Planning and Constructing: Mobility in rural areas - Mobility hubs - a new culture of transferring	4 SWS	Seminar / 🗣️	Wappner, Schneemann, Huismans

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

Competence Certificate

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 events related to this course:

V

Planning and Constructing: Extended Re-Use - Gewerbe

1720506, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Commercial areas are the land-intensive counterpart to the many agglomerations of single-family homes that have spread around the actual core cities in Europe over the last six decades. The mostly heterogeneous use pattern, low urban and architectural qualities as well as low spatial density and height still characterize their appearance today.

Due to the increasing proportion of commercial areas, which are now predominantly characterized by offices and services as well as rather low-emission businesses, and the associated desire for a lively, urban working environment, the still strong functional separation of work, living and leisure should be critically questioned. The aim is to analyze the potential of mixed-use commercial areas and to substantiate this with architectural strategies and concepts based on specific case studies in Karlsruhe.

Regular date: Thursday morning Room 20.40 R240

1st meeting: DD.MM.YYYY at XX:YY

Intermediate critique: DD.MM.YYYY

Delivery/presentation: DD.MM.YYYY

Participants: 15 MA

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

Form of course: Presence

Language: German/English

V

Planning and Constructing: : Together for the Building Turnaround (Klinge)

1720657, SS 2024, 4 SWS, Language: German/English, [Open in study portal](#)

**Lecture (V)
Blended (On-Site/Online)**

Content

Whenever construction takes place, emissions are released and resources are required. Ignoring this fact contributes to the fact that the construction industry's activities are largely responsible for the climate and resource crisis. For a responsible and sustainable approach to planetary boundaries, a holistic turnaround in construction is essential. Against this backdrop, bringing together different disciplines and skills in the planning process is becoming increasingly relevant in order to be able to map the complexity of the necessary transformation processes.

In the coming semester, existing knowledge will be pooled in cooperation with 13 colleges and universities and communicated in a series of talks based on the Architects4Future '10 demands for a building turnaround'. Each event will be dedicated to one demand, which will be examined and discussed together with representatives of A4F and the respective universities.

Dates

11 regular dates from Wednesday, 17.04., 16-17:30

Hybrid event

17.04.24 Together for the building revolution. How to Architects the Future.

24.04.24 Rethinking needs

08.05.24 Critically question demolition

15.05.24 Design sustainable quality

22.05.24 Accelerate the energy transition (excursion week)

29.05.24 Constructs in a circular and climate-positive way

05.06.24 Promotes a healthy built environment

12.06.24 Strengthens climate resilience

19.06.24 Preserves and creates space for biodiversity

26.06.24 Take social responsibility

03.07.24 Plant integrally

Participating colleges and universities:

University of Wuppertal

BTU Cottbus-Senftenberg

FH Münster - Münster School of Architecture

Bremen University of Applied Sciences

Karlsruhe Institute of Technology

Leibniz University Hanover

Muthesius University of Fine Arts and Design Kiel

RWTH Aachen University

Berlin University of Technology

Braunschweig University of Technology

Munich University of Technology

University of Kassel

Organizational issues

11 Regeltermine ab Mittwoch, 17.04., 16-17:30 Uhr

Hybrid-Veranstaltung

V

Planning and Constructing: Mobility in rural areas - Mobility hubs - a new culture of transferring

1720506, WS 24/25, 4 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The seminar "Mobility in rural areas" deals with the current challenges and opportunities in mobility. In view of demographic changes and the advent of digitalization in the world of work, rural areas are facing major challenges. New potentials of the transport transition in the form of typologies such as "mobility hubs" are highlighted. These can strengthen the identity of localities and ensure various transport options, services and local supply. In collaboration with the Institute of Geography and Geoecology, we will develop basic principles of mobility that will be transferred to local conditions and translated into a built typology. The designs will be elaborated in the impromptu seminar. The design results will be presented at the selected locations.

Regular date: Thursday morning

1st meeting: 22 or 23.10.2024

Intermediate critique: to be announced

Participants: 15 MA

Submission/presentation: 06.03.2025

Form of processing: Individual work / 2-part group work

Form of course: Presence

Language: German/English

Supervision: Prof. Ludwig Wappner, Falk Schneemann, Mathis Huismans

T

4.44 Course: Preparation Master's Thesis [T-ARCH-107383]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103639 - Research Fields](#)

Type	Credits	Grading scale	Recurrence	Version
Completed coursework	2	pass/fail	Each term	2

Events					
ST 2024	1700050	Preparation Master's Thesis		Project (P / 🗣️)	von Both, Dörstelmann, Engel, Frohn, Hartmann, Hebel, Inderbitzin, Klinge, Neppl, Wappner
WT 24/25	1700054	Preparation Master's Thesis		Project (P)	von Both, Engel, Frohn, Hartmann, Hebel, Inderbitzin, Neppl

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

Competence Certificate

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 Conditions

The following conditions have to be fulfilled:

1. The course [T-ARCH-112875 - Participation Doctoral Colloquium](#) must have been passed.

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

V

Preparation Master's Thesis

1700050, SS 2024, 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 24/25, 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 14.10.2024 at 13:30 in lecture hall 9.

Organizational issues

Bearbeitung nach Absprache und Terminplan

T

4.45 Course: Professional Detailed Planning [T-ARCH-107402]

Responsible: Dipl.-Ing. Matthias Zöller
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103659 - Professional Detailed Planning](#)

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

Events					
ST 2024	1720850	Professional Detailed Planning	4 SWS	Block / 🗓️	Zöller

Legend: 📺 Online, 🔄 Blended (On-Site/Online), 🗓️ On-Site, ✖ Canceled

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

V

Professional Detailed Planning

1720850, SS 2024, 4 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 course is divided into 2 parts and is offered consecutively in WiSe and SoSe. It is recommended to attend both seminars

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

Dates: Mon 05.08., Wed 07.08., Fr 09.08. Times: 09:30 am - 05:00 pm

Examination/delivery: 15.08.2024

Number of participants: 50


Focus of Study: Building Technology





T

4.46 Course: Project Management [T-ARCH-112102]

Responsible: Hon.-Prof. Kai Fischer
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105957 - Project Management](#)

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

Events					
ST 2024	1720616	Project Management	2 SWS	Seminar / 	Fischer

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

Competence Certificate

Other examination requirements consisting of a written paper.

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

V

Project Management

1720616, SS 2024, 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

Submission/Exam:


Number of Participants: 15





T

4.47 Course: Public Building Law [T-ARCH-107412]

Responsible: Hon.-Prof. Dr. Werner Finger
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103671 - Public Building Law](#)

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

Events					
WT 24/25	1731190	Public Building Law	2 SWS	Lecture / 	Finger

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

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

V

Public Building Law

1731190, WS 24/25, 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 24.02.2025





T

4.48 Course: Quarter Analysis [T-ARCH-107375]

Responsible: Prof. Markus Nepl
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103633 - Quarter Analysis](#)

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

Events					
WT 24/25	1731095	Quarter Analysis: Urban India - Spatial Structures and Typologies in Metropolitan Areas	2 SWS	Seminar / 	Nepl, Giralt

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

Competence Certificate

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

Prerequisites

none

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

V

Quarter Analysis: Urban India - Spatial Structures and Typologies in Metropolitan Areas

**Seminar (S)
On-Site**

1731095, WS 24/25, 2 SWS, Language: German/English, [Open in study portal](#)

Content

With an urban population below 40%, India is experiencing one of the most dynamic urbanization processes globally.

In addition, India surpassed China in terms of population size in April 2023, largely due to its rapid population growth. For this reason, we will examine urban development in South Asia with a focus on urban growth patterns and prevailing building typologies in metropolitan areas like Delhi, Mumbai and Hyderabad.

After a brief dive into the history of these fascinating cities we focus on the urban structures, mobility networks and open spaces. In order to achieve comparable results, we will select three representative areas in each city for detailed analysis. The objective is to gain insights into current urban patterns and typologies, which will then be summarized in a publication.

Appointment: Wed, 9:45 am-1:00 pm, Bldg. 11.40, R015

First meeting: 23.10.2023

Submission/Presentation: 27.01.2025

Number of Participants: 14

Focus of study: Urban Design

Form: Teamwork (groups of 2)

T

4.49 Course: Research Seminar [T-ARCH-107381]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: M-ARCH-103639 - Research Fields

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

Events					
ST 2024	1710106	Research Seminar/Special Topics of Spatial Theory: Shape Grammars	2 SWS	Seminar / 🗣️	Frohn, Mori
ST 2024	1710107	Research Seminar/Special Topics of Spatial Theory: Inquiry about ZKM # 2	1 SWS	Seminar / 🌀	Perugini
ST 2024	1720606	Research Seminar / Sustainability: Future-oriented Building Materials - A Research Seminar of the KIT Material Library	4 SWS	Seminar / 🗣️	Hebel, Böhm, Boerman
ST 2024	1720977	Research Fields: Can the energy transition in the building sector still be achieved at all?	2 SWS	Seminar / 🗣️	Wagner
ST 2024	1731095	Research Seminar/Special Topics of Urban Design: Typology "Reformblock" in Karlsruhe_A 100-year-old Model for Today's Housing Issues? The „Alker-Block“ in Focus	2 SWS	Seminar / 🗣️	Neppl, Weber
ST 2024	1731172	City Theory/Research Seminar: Case Study: Alfred Fischer in Dammerstock. The Karlsruhe University and „das neue Bauen“	2 SWS	Seminar / 🗣️	Engel, Staab
ST 2024	1731280	Research Seminar/Urban Design and Housing: Exhibition Hübsche Pflanzhäuser	2 SWS	Seminar / 🌀	Inderbitzin, Multerer, von Zepelin
WT 24/25	1710411	Architectural Theory/Research Seminar: Reading Beyond the Buildings	2 SWS	Seminar / 🌀	Fankhänel, Knoop
WT 24/25	1710414	Architectural Theory/Research Seminar: Criticising Architecture	2 SWS	Seminar / 🌀	Fankhänel, Wilkinson
WT 24/25	1720981	Research Seminar: Solar Facade elements with PVT Technology for direct Heating and Cooling with the Sun	2 SWS	Seminar / 🗣️	Wagner
WT 24/25	1731098	Research Seminar/Special Topics of Urban Design: Urban Digital Twins as a Planning Basis for Solar Potential and Monument Protection	4 SWS	Seminar / 🗣️	Neppl, Zeile
WT 24/25	1731180	Research Seminar: Transformative Planning Culture. Strategies. Plans. Projects.	2 SWS	Seminar / 📱	Engel
WT 24/25	1741382	Research Seminar: History of Architecture/Urban Planning: Nature in Stone: Plant Species in Gothic Architecture	2 SWS	Seminar / 🌀	Brehm

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

Competence Certificate

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 events related to this course:

V

Research Seminar/Special Topics of Spatial Theory: Shape Grammars

1710106, SS 2024, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The seminar is part of the research project "Typological Resilience". Based on so-called "shape grammars", floor plans of canonical residential buildings are made geometrically describable and transferable. New floor plans can be generated based on them. Using a basic grammatical framework developed by R+E this process of translating will deepen your understanding of relevant principles and examples of housing plans. It will also address the following questions regarding the use of shape grammars:

How specific do the grammars have to be in order to describe the respective housing floor plans structurally unambiguously and make their qualities transferable?

To what extent can the shape grammars reveal unifying structural principles between the architecturally very different canonical reference floor plans?

17.04.24 – 07.08.2024

1st Meeting: 17.04.2024, 09:45

V

Research Seminar/Special Topics of Spatial Theory: Inquiry about ZKM #

2

1710107, SS 2024, 1 SWS, Language: English, [Open in study portal](#)

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

Content

Inquiry about ZKM #2

Since 2019, our team has been dedicated to uncovering the rich historical narrative surrounding the design for the ZKM building in Karlsruhe by Rem Koolhaas / OMA .

In this research seminar, we will explore the multifaceted nature of architectural production by examining the design project of the ZKM building. While studying the design project is just one approach to understanding architecture, we recognize the existence of numerous other sources that can shed light on its intricacies. By delving into the subject, we aim to unravel the reasons behind the unexpected cancellation of the ZKM project just a few months before construction was scheduled to begin. Through an exploration of politics, costs, and interpersonal relationships, we will rewrite an alternative history, presenting a fresh perspective on this captivating architectural endeavour. We will challenge conventional narratives and uncover hidden truths surrounding the ZKM project.

In this seminar, we will guide participants on how to effectively organise and advance their own research. Learn valuable techniques on selecting intriguing facts from vast archive material, collected at the Deutsches Kunstarchiv. The seminar will be mainly online, with some in presence sessions. The chair's inquiry into the ZKM project constitutes the basis for a future publication.

Meetings once every 2 weeks.

Wednesdays 9:45

V

Research Seminar / Sustainability: Future-oriented Building Materials - A Research Seminar of the KIT Material Library

1720606, SS 2024, 4 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The KIT Materials Library of the Faculty of Architecture offers an extensive collection of materials that, in addition to conventional building materials, focuses on building materials made from secondary raw materials, alternative biotic raw materials and recyclable building materials.

Addressing such material focal points of sustainable construction makes future generations of architects understand the value of varietal purity, the necessity of using secondary materials and the preservation of value when reused or recycled.

In the research seminar **Future-oriented Building Materials**, Master's students gain a detailed insight into this class of innovative, endlessly recyclable building materials. The independent scientific research work of the students is at the heart of the seminar work. The students are involved in the selection of the materials to be described and are explicitly called upon to adopt a critical stance. The final aim of the seminar is to present innovative, sustainable materials for the construction industry using detailed data sheets and prepared physical material samples as part of an exhibition in the materials library. Students are thus actively involved in the further development of the materials database and the collection of the materials library. The seminar is accompanied by individual supervision, work in the study workshops and joint discussion rounds in the materials library.

Organizational issues

Erstes Treffen: 16.04.24

Regeltermin: Dienstags 11.30 bis 13.00 Uhr

Abgabe/Prüfung: 16.07.24

Teilnehmerzahl: 12 Studierende (Master)

Studienschwerpunkt: Bautechnik

V

Research Fields: Can the energy transition in the building sector still be achieved at all?Seminar (S)
On-Site

1720977, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)

Content

The waves surrounding the Building Energy Act seem to have calmed down, new funding incentives have been introduced for replacing heating systems - but the renovation rate in the building sector is still stagnating and gas and oil boilers are still being installed. On the other hand, climate change is not waiting, i.e. the longer we wait, the more difficult it will be to achieve the emission targets. So how can the heating transition in the building sector be set in motion? What are suitable strategies and what are important boundary conditions - such as (construction) technical aspects or socio-economic factors or building culture issues - that need to be taken into account? These questions will be explored in the seminar and different expert opinions will be included.

Mo. 15.04.2024 15:45 PM - 17:15 PM R. 240

Examination: 25.07.2024

Number of Participants: 10

V

Research Seminar/Special Topics of Urban Design: Typology "Reformblock" in Karlsruhe_A 100-year-old Model for Today's Housing Issues? The „Alker-Block“ in FocusSeminar (S)
On-Site

1731095, SS 2024, 2 SWS, Language: German, [Open in study portal](#)

Content

At the beginning of the 20th century, the "reform block" was developed as a counter-model to the "Mietskasernen" of the "Gründerzeit"-era blocks with their narrow, dark inner courtyards on the one hand and the open row construction methods of the developing modernism on the other.

After the end of the First World War, the first examples were implemented in Germany, Switzerland and Austria. The new model of the closed block with a spacious, shared inner courtyard was particularly popular in what was then socialist Vienna. The urban planning and structural typologies developed back then continue to demonstrate their qualities today.

A closer look at some of Karlsruhe's examples should place this type of building into the current architectural discussion.

Appointment: Tue 11:30 am – 1:00 pm, Bldg. 11.40, R015

First Meeting: 16.04.2024, 11:30 am, Bldg. 11.40, R015

Submission/Exam: 13.08.2024

Number of Participants: 20

V

City Theory/Research Seminar: Case Study: Alfred Fischer in Dammerstock. The Karlsruhe University and „das neue Bauen“**Seminar (S)
On-Site**1731172, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)**Content**

2025 Alongside the Weißenhofsiedlung in Stuttgart, the Karlsruhe district is one of the most important examples of *Neues Bauen* (known as International Style) in southern Germany – and exemplary for the paradigm shift in planning and building at the time. The seminar will analyze the Dammerstocksiedlung with its operative, syntactic and semantic contexts of meaning and its interactions with the city and the then TH Karlsruhe (as the predecessor institution of the KIT). Using various mapping tools, the architectural, urban planning and socio-cultural dimensions of the estate will be documented and graphically presented. The results will be presented as part of the KIT's anniversary exhibition in.

Appointment: Tue 9:45-11:15 am, 11.40 R013

First Meeting: Tue 16.04.2024

Submission/Exam: Tue 13.08.2024

Number of Participants: 10

Form: Single/Teams of two

Focus of study: Urban Design

V

Research Seminar/Urban Design and Housing: Exhibition Hübsche Pflanzhäuser**Seminar (S)
Blended (On-Site/Online)**1731280, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)**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* form the basis. In addition to the content-related work, we will develop the specific curation. Possibilities include both traditional exhibition forms and audio or video presentations.

In collaboration with the Chair of Building and Architectural History and other participating professorships working on buildings in Karlsruhe for the exhibition.

Appointment: Wed, 3:45 - 5:15 pm,

Bldg. 11.40, R 115, Presence

Submission/Exam: to be announced

Number of Participants: 15

V

Architectural Theory/Research Seminar: Reading Beyond the Buildings**Seminar (S)
Blended (On-Site/Online)**1710411, WS 24/25, 2 SWS, Language: German/English, [Open in study portal](#)

Content

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

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

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

Intro: Monday 21.10.24

Workshop 1: Monday 4.11.24

Workshop 2: Monday 9.12.24

Workshop 3: Monday 27.01.25

Final Event: 30.01.25, at the Architekturschaufenster: AT goes A SF

Number of Participants: 8



Architectural Theory/Research Seminar: Criticising Architecture

1710414, WS 24/25, 2 SWS, Language: English, [Open in study portal](#)

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

Content

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

Focus of study: Architectural and Cultural Heritage

4 x 90 min seminars Fridays 2:00-3:30pm

1: 25.10.24

2: 01.11.24 (online)

3: 06.12.24

4: 17.01.25

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

Number of Participants: 20



Research Seminar: Solar Facade elements with PVT Technology for direct Heating and Cooling with the Sun

1720981, WS 24/25, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

As part of the seminar, we will be working on an innovative solution for the energy-efficient refurbishment of multi-family buildings, which is also the subject of an ongoing research project at our professorship. A façade module is being developed that enables the simultaneous renovation of the building envelope and heating system and uses the building envelope directly for heating and cooling with the help of solar and heat pump technology. The tasks to be worked on in the seminar include (1) developing a catalog of requirements with regard to suitable façade typologies for such modules and (2) developing initial design and construction solutions for façade integration, including structural and building physics details.

Appointment: Mo. 03:45 PM - 05:15 PM, 20.40, R 240

First meeting: 21.10.2024, 03:30 PM, R 240

Submission/Exam: 03.03.2025

Number of Participants: 10



Research Seminar/Special Topics of Urban Design: Urban Digital Twins as a Planning Basis for Solar Potential and Monument Protection

1731098, WS 24/25, 4 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Urban digital twins (UDZ) are virtual models of cities that can visualise, simulate, and ideally optimise physical and functional aspects to improve planning and decision-making processes in urban planning. As part of the seminar, the 'twin' of Landsberg am Lech will be used to create proposals for the design of solar installations in a historical context. The roof, as the 5th façade in the urban space, will be examined virtually in design and monument protection to determine visual axes, historical design spaces and concrete design specifications. The Digital Twin and Monument Protection departments of the City of Landsberg and the Bavarian State Office for Monument Preservation are cooperation partners.

Appointment: Tue, 9:45 am–1:00 pm, Bldg. 11.40, R015
 Excursion: during the event
 Submission/exam: 25.02.2025
 Number of Participants: 20
 Focus of study: Urban Design
 Form: Teamwork (2)

V

Research Seminar: Transformative Planning Culture. Strategies. Plans. Projects.1731180, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)**Seminar (S)
Online****Content**

Cities worldwide are facing urgent challenges: taking care of natural resources, the necessary mobility turnaround, climate mitigation and adaptation and social cohesion are just a few of the programmatic terms of the necessary changes. It is high time to embark on transformative planning and development and to develop processes and instruments for implementation on a broad scale. The cross-university course focuses on the necessary transformative planning of cities and regions from different professional perspectives. Inputs are reflected in discussions. Written elaboration on a key topic. Further lecturers: Prof. Mario Trvtkovic, Prof. Frank Schwartze, Prof. Thorsten Erl a.o.

Appointment: Mon 16:00–17:30, online

First Meeting: Mon 21.10.2024 16:00

Lecture dates: 21.10.2024, 28.10.2024, 04.11.2024, 11.11.2024, 18.11.2024, 25.11.2024, 02.12.2024, 09.12.2024, 16.12.2024 13.01.2025, 20.01.2025

Submission/Exam: 28.02.2025

Number of Participants: unlimited

Focus of Study: Urban Design

V

Research Seminar: History of Architecture/Urban Planning: Nature in Stone: Plant Species in Gothic Architecture1741382, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)**Seminar (S)
Blended (On-Site/Online)****Content**

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

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

Number of Participants: 5

Focus of study: Architectural and Cultural Heritage

T

4.50 Course: Self Assignment HoC-ZAK-SpZ 1 not graded [T-ARCH-111775]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105682 - Key Qualifications](#)

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

Competence Certificate

Completed coursework that varies type-wise and scope-wise, depending upon the course taken.

Prerequisites

none

Self service assignment of supplementary studies

This course can be used for self service assignment of grade acquired from the following study providers:

- House of Competence
- Sprachenzentrum
- Studium Generale. Forum Wissenschaft und Gesellschaft (FORUM) (ehem. ZAK)

Annotation

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

T

4.51 Course: Self Assignment HoC-ZAK-SpZ 2 not graded [T-ARCH-111776]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105682 - Key Qualifications](#)

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

Competence Certificate

Completed coursework that varies type-wise and scope-wise, depending upon the course taken.

Prerequisites

none

Self service assignment of supplementary studies

This course can be used for self service assignment of grade acquired from the following study providers:

- House of Competence
- Sprachenzentrum
- Studium Generale. Forum Wissenschaft und Gesellschaft (FORUM) (ehem. ZAK)

Annotation

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

T

4.52 Course: Self Assignment HoC-ZAK-SpZ 3 not graded [T-ARCH-111777]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105682 - Key Qualifications](#)

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

Competence Certificate

Completed coursework that varies type-wise and scope-wise, depending upon the course taken.

Prerequisites

none

Self service assignment of supplementary studies

This course can be used for self service assignment of grade acquired from the following study providers:

- House of Competence
- Sprachenzentrum
- Studium Generale. Forum Wissenschaft und Gesellschaft (FORUM) (ehem. ZAK)

Annotation

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

T

4.53 Course: Self Assignment HoC-ZAK-SpZ 4 graded [T-ARCH-111778]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105682 - Key Qualifications](#)

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

Competence Certificate

according to the assignment to be credited

Prerequisites

none

Self service assignment of supplementary studies

This course can be used for self service assignment of grade acquired from the following study providers:

- House of Competence
- Sprachenzentrum
- Studium Generale. Forum Wissenschaft und Gesellschaft (FORUM) (ehem. ZAK)

Annotation

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

T

4.54 Course: Self Assignment HoC-ZAK-SpZ 5 graded [T-ARCH-111779]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105682 - Key Qualifications](#)

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

Competence Certificate

according to the assignment to be credited

Prerequisites

none

Self service assignment of supplementary studies

This course can be used for self service assignment of grade acquired from the following study providers:

- House of Competence
- Sprachenzentrum
- Studium Generale. Forum Wissenschaft und Gesellschaft (FORUM) (ehem. ZAK)

Annotation

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

T

4.55 Course: Self Assignment HoC-ZAK-SpZ 6 graded [T-ARCH-111780]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105682 - Key Qualifications](#)

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

Competence Certificate

according to the assignment to be credited

Prerequisites

none

Self service assignment of supplementary studies

This course can be used for self service assignment of grade acquired from the following study providers:

- House of Competence
- Sprachenzentrum
- Studium Generale. Forum Wissenschaft und Gesellschaft (FORUM) (ehem. ZAK)

Annotation

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

T

4.56 Course: Seminar Week [T-ARCH-111342]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: M-ARCH-105682 - Key Qualifications

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

Events					
ST 2024	1700030	Seminar Week: sit	1 SWS	Block / 🗓️	Knipper
ST 2024	1700033	Seminar Week: Phantom Projects – Digital Study Workshop	1 SWS	Block / 🗓️	Jager
ST 2024	1710109	Seminar Week: Archival Bastards	2 SWS	Seminar / 🗓️	Frohn, Streicher
ST 2024	1710304	Seminar Week: Go South	2 SWS	Block / 🗓️	Hartmann, Kadid, Coricelli, Vansteenkiste
ST 2024	1710360	Seminarweek: "At Home with Binti, Henry, and Benny, Ettlinger Str. 6"	2 SWS	Block / 🗓️	Craig, Pawelzyk
ST 2024	1710412	Seminar week: Annotated Italy! Living Archives!	1 SWS	Excursion (E / 🗓️)	Meister, Knoop, Wilkinson
ST 2024	1710455	Seminar week: Concrete Communication: Frankfurt/Main	1 SWS	Block / 🗓️	Rambow, Alkadi
ST 2024	1720509	Seminar Week: Field Trip to Zurich (Wappner)	1 SWS	Block / 🗓️	Wappner, Hörmann, Kochhan
ST 2024	1720558	Seminar Week: Space Perception and Visual Impairment	1 SWS	Block / 🗓️	Karmann, Song, Dong, Yildiz, Sepúlveda
ST 2024	1720608	Seminarweek: Zumthor et al. – A Journey Across the Alpine Region	1 SWS	Excursion (E / 🗓️)	Hebel, Hoss, Boerman, Rausch
ST 2024	1720656	Seminar Week: Enjoy the Silence (Klinge)	1 SWS	Block / 🗓️	Klinge, Michalski, Weber
ST 2024	1720713	Seminarweek: BIM-Projects and Measurment	2 SWS	Block / 🗓️	von Both, Sartorius
ST 2024	1720751	Seminar Week: Digital Skins	1 SWS	Block / 🗓️	La Magna, Dörstelmann, Fuentes Quijano, Feldmann
ST 2024	1720810	Seminarwoche: TerraTimber	1 SWS	Block / 🗓️	Dörstelmann, La Magna, Fischer, Zanetti, Witt, Haußer
ST 2024	1720907	Seminar Week: A round matter - Roadtrip along surfaces with curvature	1 SWS	Block / 🗓️	Wagner, Ge, Sickinger, Mildenberger
ST 2024	1720983	Seminar Week: Solar Decathlon Revisited		Block / 🗓️	Wagner, Risetto, Mann
ST 2024	1731094	Seminarweek: Urban [Remote] Sensing	1 SWS	Block / 🗓️	Neppl, Haug, Zeile
ST 2024	1731199	Seminar Week: Critical Mapping Karlsruhe (Engel)	1 SWS	Block / 🗓️	Engel, Böcherer, Lev, Staab, Kannen
ST 2024	1731299	Seminarweek: Stockholm Archipelago	1 SWS	Block / 🗓️	Inderbitzin, Multerer, Schork, Zickert, Zlokapa, von Zepelin
ST 2024	1741383	Seminar week: Granada Excursion: Architectural Travel in Theory and Practice	2 SWS	Block / 🗓️	Medina Warmburg

ST 2024	1741386	Seminar week: The Potsdam Cultural Landscape - Architectural and Landscape-Historical Development between 1750 and 1930	2 SWS	Block / 🗎	Gawlik
ST 2024	1741389	Seminar week: Learning to Interpret Remains - Introduction to Architectural Research at Freiburg Minster	2 SWS	Block / 🗎	Brehm
ST 2024	1800025	Seminar Week: Graffiti in Karlsruhe	1 SWS	Block / 🗎	Papenbrock

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

Prerequisites

none

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

V

Seminar Week: sit
1700030, SS 2024, 1 SWS, Language: German, [Open in study portal](#)

Block (B)
On-Site

Content

We learn this basic attitude at the age of about five to nine months. Our buttocks and thighs rest on a defined base when the upper body is upright. Sitting has always had a social meaning and at the same time it affects our body. We try to shed light on the connections together. In addition to looking at the basic attitude, we look at how architects have dealt with this task and search for proportion, meaning and materiality in their results. In simple structural models, we try to approach the different seating options in order to be able to understand what the differences are.

Appointment: 21.-24.05.2024

1st Meeting: , Geb. 20.40, R-149

Costs: about 35 Euro

Number of Participants: 6

V

Seminar Week: Phantom Projects – Digital Study Workshop
1700033, SS 2024, 1 SWS, Language: German, [Open in study portal](#)

Block (B)
On-Site

Content

Exploring unrealized possibilities in model making

The seminar week offers a unique opportunity to explore creative ideas and experimental techniques. The focus is on innovative materials and an effective workflow. Topics include file optimization, material selection and time saving. Participants design a model of approx. 20x20x20 centimeters. Basic materials will be provided, there should be no additional costs.

The aim of the seminar is to create a model that not only reflects the creativity of the participants, but also demonstrates the possibilities of model making. An exhibition of the model will honor and document the work of the participants, giving them the opportunity to share their experiences and insights and pass on their knowledge.

Date: 21-24.05.2024

1st meeting: 21.05.2024 10:00 am

Costs: -

Number of participants: 8

V

Seminar Week: Archival Bastards
1710109, SS 2024, 2 SWS, Language: 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 match archival material that was not destined to meet.

You will work with a series of pre-selected sectional drawings of projects from a wide variety of architects, historical periods as well as typologies. Using different strategies of visual association such as Exquisite corps, Palimpsest and Cut-up, you will bring together two of these unrelated drawings thereby creating your own "architectural bastard".

Through this process of bastardization, the seminar explores a design methodology based on the fortuitous meeting of architectural antagonists. The result will be a series of three sectional line drawings each of which is based on a specific approach to visual association. Will your bastards be architectural compromises? Can they be read as a synthesis? Or will they embody a non-resolvable conflict between both sources?

Appointment: 21.05.2024 – 24.05.2024

First Meeting: 21.05.2024 – 9.30

Submission: 24.05.24

V

Seminar Week: Go South

1710304, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)

**Block (B)
On-Site****Content**

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

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

Language: English

Event Format: On-site

First Meeting and Presentation of the Program: 17.05.2024, online

Schedule: Full Day Activities from 21.05 – 24.05.2024

Form: Collective work

Deliverables: Short films (interviews+building recordings)

Costs: ca. 350 Euro

V

Seminarweek: "At Home with Binti, Henry, and Benny, Ettlinger Str. 6"

1710360, SS 2024, 2 SWS, Language: German, [Open in study portal](#)

**Block (B)
On-Site****Content**

We are conducting a comprehensive visual investigation on the theme of "Architecture for Animals." With consideration for the Human-Animal aspect, our focus is on designing habitats for animals that directly interact with human living spaces. The emphasis is on the documentary and illustrative analysis of existing examples of zoo architecture found in the Karlsruhe Zoo. Throughout the seminar week, we aim to create sketches and drawings that serve as a form of site analysis, capturing all relevant aspects. We will collect visual information about various animal species, their habits, and needs, as well as the daily routines of zoo residents, staff, and visitors. In a daily concluding feedback session, we will exchange our observations, thoughts, research findings, and ideas, along with sharing sketches.

For the implementation, we will require a sketchpad in A4 or A3 formats, along with pencils of varying hardness (HB, B, 2B, 4B to 8B). Additional drawing materials such as a white eraser, kneaded eraser, and optionally a drawing pad or board are recommended. Depending on personal preference, other drawing materials such as ballpoint pens, felt-tip markers, ink and nib holders, charcoal, pastel chalk, colored pencils, and a portable camping chair may also be used.

The discounted admission fee is €5 per person per day.

Organizational issues

21.05.-24.05.24 09:00-18:00 Uhr

**Seminar week: Annotated Italy! Living Archives!**1710412, SS 2024, 1 SWS, Language: German/English, [Open in study portal](#)**Excursion (EXK)
On-Site****Content**

In a historical overlay, we will re-enact and annotate a KIT excursion to Italy from 2002 during the seminar week. Using original slides, timelines and built examples, we will compare the aging processes, urban and demographic changes and appropriations since 2002 on site. Changes in the medial mediation of architecture (slides vs. Instagram, lecture vs. TikTok) will be illustrated as well as the question of renaissance and postmodernism, antiquity and archives that overlap. A workshop at the Institute of Art History in Florence at Palazzo Grifoni will examine archival processes as a critical practice.

Focus of study: Architectural and Cultural Heritag

Expenses: ca. 300€ travel expenses + 300€ accommodation costs. self-booking.

Block seminar (seminar week): 21.05.24 - 24.05.24

Briefing: 23.04.24 13 - 14 pm, Geb.20.40 Seminarraum Architekturtheorie R. 258

Number of Participants: 20

**Seminar week: Concrete Communication: Frankfurt/Main**1710455, SS 2024, 1 SWS, Language: German/English, [Open in study portal](#)**Block (B)
On-Site****Content**

Frankfurt, which can be reached from Karlsruhe by ICE in just over an hour, is one of the most exciting cities in Germany. It features an extreme concentration of urbanistic themes and contradictions on a relatively small footprint. It has always had a tradition of open debate, but also of pragmatic solutions and a fundamental trust in the possibility of positive development. We want to roam this lovely small metropolis for four days, focusing on those places where architecture is mediated, communicated and argued about: The German Architecture Museum, the City History Museum, the New Old Town, the Schauspielhaus etc.

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

Cost (without travel, incl. Hostel, Tickets, subway etc.): approx. 200 euros

Block date: Tue 21.05.– Fri 24.05.2024, 9:00 am to 5:00 pm

1st meeting: Tue, 21.05.2024, 9:00 am, meeting point will be announced via ILIAS

Number of participants: 20

**Seminar Week: Field Trip to Zurich (Wappner)**1720509, SS 2024, 1 SWS, Language: German/English, [Open in study portal](#)**Block (B)
On-Site****Content**

Situated between the lake and mountain peaks, Zurich has much more to offer than just the well-known postcard motifs of the Swiss capital. The city's social and cultural diversity is essentially based on its rich history of multi-layered urban development with its numerous striking and cityscape-defining cultural and infrastructure buildings from different eras, traditional cooperative residential buildings and contemporary housing experiments, the many artificial landscape gardens and extraordinary cemeteries.

An architectural excursion to Zurich lasting several days offers us the opportunity to get to know the enviable building culture with regard to the distinctive competition system and the high building density with regard to current urban planning, open space planning and architectural developments. We want to move through the established structures of the core city as well as through numerous newly developed areas in the surrounding area and explore the specifically selected neighborhoods and buildings in more detail with expert explanations and guided tours in order to discuss the concepts and structural implementations together.

Period: 21.05.2024, preliminary meeting with distribution of tasks

22.05.2024 - 24.05.2024, excursion, full day

Location: Zurich

Costs: approx. 280 €

Number of participants: 14 places Bachelor, 6 places Master

**Seminar Week: Space Perception and Visual Impairment**1720558, SS 2024, 1 SWS, Language: German/English, [Open in study portal](#)**Block (B)
On-Site**

Content

Understanding the environment around us is very useful and reassuring. It helps us to reach given locations and gives us the confidence to explore new places. To understand spaces, we first use our vision. This is how we perceive shapes, estimate distances and read maps. But what do people with visually impairment rely on to understand spaces?

During this week, we want to raise students' awareness of the visual impairment, get them to test and identify the visual and non-visual elements that are useful for understanding space, and confront them with the creation of media (e.g. tactile maps) to enable visually impaired people to understand building plans.

The week will include a trip to Frankfurt for the exhibition "Dialogues in the Dark", a trip to Marburg, a historical city later adapted to blind users, and exchanges with multiple guests to discuss space perception and research on accessible mapping.

In line with the language of the lecturers, the course will be held mainly in English. Yet, some guest speakers may also speak German.

Appointment: 21.05.2024 – 24.05.2024

**Seminarweek: Zumthor et al. – A Journey Across the Alpine Region**

1720608, SS 2024, 1 SWS, Language: German/English, [Open in study portal](#)

**Excursion (EXK)
On-Site**

Content

During Whitsun week, we want to travel to the Alpine foreland to experience Peter Zumthor's buildings and his work with space, light and material. The region, rich in diverse architecture, has numerous other projects to offer. Our aim during the four days of our trip is to develop an understanding of regional materials, the places associated with them and processing technologies. We will get to know multifaceted industrial and residential architecture, but also visit museums and, last but not least, religious buildings. In addition, we will take the opportunity to meet the people behind the architecture by visiting architectural offices and a carpentry workshop in the region. The cost for travel, accommodation with breakfast and programme is estimated at around €375 per person.

First Meeting: 17.04.24, 11.30 am, building 11.40, Raum 26

Excursion: 21.05.2024 – 24.05.2024

Number of Participants: 26 Slots Bachelor / Master

Organizational issues

1. Treffen: 17.04.24, 11.30 Uhr, Geb. 11.40, Raum 26

Exkursion: 21. – 24.05.2024

**Seminar Week: Enjoy the Silence (Klinge)**

1720656, SS 2024, 1 SWS, Language: German/English, [Open in study portal](#)

**Block (B)
On-Site**

Content

During the seminar week, we will focus on the experimental construction of a straw noise barrier for the MitMachGarten Ostring e.V. in Karlsruhe. This event offers the opportunity to gain practical experience in the field of sustainable building with straw and reused building components and to explore innovative solutions to noise protection problems.

Noise pollution is one of the biggest challenges, especially in an urban context, which can affect the quality of life of local residents. MitMachGarten is therefore looking for an environmentally friendly solution to reduce noise pollution for its members on the garden plot on Ostring.

The aim of this event is to give participants an understanding of sustainable building techniques and to develop practical skills in building a straw sound barrier. We place particular emphasis on minimizing the impact on the soil ecosystem by making the foundations deconstructable and recyclable.

With our pilot noise barrier, we want to create a creative and environmentally friendly basis for the construction of the entire noise barrier by combining theoretical knowledge and practical implementation.

Period: 21.05.2023 - 24.05.2024 all day

Location: Karlsruhe

Number of participants: 20 places Bachelor / Master

**Seminarweek: BIM-Projects and Measurement**

1720713, SS 2024, 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 27.

No prior knowledge of ArchiCAD

is required. Participants must have a laptop with the ARCHICAD 27 Student version installed.

The seminar includes lectures and hands-on exercises.

Seminar week, four-day seminar in the form of a workshop 21.05.- 24.05.2024,, 09:00 am, all day long, in Presence

Submission: Friday 19.04.2024, 9:45 am, Seminar Room BLM

Number of participants: 20 + 1 Erasmus Student

V

Seminar Week: Digital Skins

1720751, SS 2024, 1 SWS, Language: German/English, [Open in study portal](#)

Block (B)
On-Site

Content

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

First Meeting: Tue, 21.05.2024; 09:45 am

Bldg. 20.40, R tba

Submission/Exam: Fri, 24.05.2024

Number of Participants: 20

La Magna, Riccardo

Dörstelmann, Moritz,

Andersson Lagueche, David

Fuentes Quijano, Javier

Feldmann, Carolin

V

Seminarwoche: TerraTimber

1720810, SS 2024, 1 SWS, Language: English, [Open in study portal](#)

Block (B)
On-Site

Content

TerraTimber offers an opportunity to gain firsthand insights and experience in digital design and fabrication systems that enable circular, material-appropriate, and -efficient architecture. Utilizing computational tools and augmented reality, our goal is to upcycle wood waste and combine it with earth into a circular construction system. Based on concepts from previous studios, we will build a full-scale research demonstrator for the "Das Fest" festival in July 2024. This structure will showcase our research and serve as a pavilion for public discourse. We will be hands-on, sorting wood waste, applying computational concepts through augmented reality and crafting circular wood components.

21.05.- 24.05.2024

Place: DDF_Lab

Number of Participants: 20

No prior knowledge is required.

V

Seminar Week: A round matter - Roadtrip along surfaces with curvature

1720907, SS 2024, 1 SWS, Language: German/English, [Open in study portal](#)

Block (B)
On-Site

Content

For four days, we set out to explore load-bearing structures that combine the efficiency and aesthetics of double-curved surfaces. We will experience spaces whose boundaries between wall and ceiling are fluid, have unusual geometries and convey a sense of lightness. With timber, membrane and reinforced concrete structures in Cologne, Luxembourg and Metz, among others, we will get to know and understand a broad spectrum of materials, forms and constructions.

Time: Tue. 21.05.2024, 8.00 a.m. - Fri. 24.05.2024, 6.00 p.m.

Location: Cologne, Luxembourg, Metz

Shared accommodation in youth hostels

Costs for accommodation and meals:

250€ per person for transportation and half board. The students must also pay for additional food and drink.

Travel costs and entrance fees are covered

A different kind of exam

Participants: 16 Bachelor and 5 Master places

**Seminar Week: Solar Decathlon Revisited**

1720983, SS 2024, SWS, Language: German, [Open in study portal](#)

Block (B)
On-Site

Content

Two years ago, the Solar Decathlon Europe took place in Wuppertal - a competition for sustainable, solar buildings, which our faculty won with the RoofKIT. There are still 8 buildings on the Wuppertal SolarCampus that serve as living labs for research. During the seminar week, we want to study these buildings in more detail and discuss them from various perspectives. The task will be to explore the building concepts on the basis of literature and personal inspections and then present them to the other members of the excursion group. Together with students from the University of Wuppertal, additional key topics will be discussed in workshops. Number of participants 16, costs per person approx. 200 €.

Seminar Week: 21.05 until 24.05.24 R.240

First Appointment: 21.05.24 10:00 AM

Exam: 24.05.24

Places: 9 bachelor, 7 master

**Seminarweek: Urban [Remote] Sensing**

1731094, SS 2024, 1 SWS, Language: German, [Open in study portal](#)

Block (B)
On-Site

Content

What factors influence our perception when we move through the city? In which urban spaces do we feel comfortable or uncomfortable? And above all: how can we decipher these stressors?

The innovation of emotion sensing makes it possible to objectively measure human perception of the city. However, the question of the causes remains largely unexplored with this method. Often, they can only be captured with elaborate on-site inspections (e.g. mappings).

During the seminar week, we would therefore like to work with you to create a toolbox with which we can also record urban stressors "remotely" in the future. We will focus on two study areas in the city of Osnabrück.

Seminar Week: 21.-24.05.2024

First meeting: 21.05.2024, 9:45 am, Bldg. 11.40, R015

Exam performance: documentation

Cost: 0,- € (no excursion, seminar week takes place in Karlsruhe)

Number of Participants: 20

**Seminar Week: Critical Mapping Karlsruhe (Engel)**

1731199, SS 2024, 1 SWS, Language: German/English, [Open in study portal](#)

Block (B)
On-Site

Content

How can we understand urban spaces in their complexity and sensuality? During the seminar week, selected urban places in Karlsruhe will be tracked down, their intrinsic logics perceived, researched and noted, and spatial, political, ephemeral, perhaps invisible phenomena highlighted. The choice of scale, style of projection, symbols and pictograms is intended to develop new forms of representation and encourage new ways of thinking about how our environment can be represented, how structures can be distilled from the data set and how relationships and relations can be shown. The aim is to create rhetorical, mental and graphic maps that reflect the subjective understanding of urban spaces in Karlsruhe.

Appointment: Tue - Fri

First Meeting: Tue 21.05.2024, 9:30 am, 11.40 R013

Submission/Exam: Fri 24.05.2024

Number of Participants: 20

V

Seminarweek: Stockholm Archipelago

1731299, SS 2024, 1 SWS, Language: German/English, [Open in study portal](#)

**Block (B)
On-Site****Content**

During the seminar week we continue our series of sailing trips and spend a week in the Stockholm archipelago. The architectural discoveries will focus on the rich heritage of the city of Stockholm, the «Venice of the North» with its fourteen islands. From there, we will sail out to the lesser-known buildings on the many islands in the archipelago. The aim will be to understand the architecture and its genesis in relation to the territory, which means the geology and the water. In the evenings, we will moor in harbours or drop anchor and sleep, cook and eat together on the boat.

Travel dates: 18.5.-25.5.2024

Introduction meeting: will be published

Costs: approx. 550 Euro (excl. individual arrival)

Number of Participants: presumably 14

V

Seminar week: Granada Excursion: Architectural Travel in Theory and Practice

1741383, SS 2024, 2 SWS, Language: German, [Open in study portal](#)

**Block (B)
On-Site****Content**

For a long time, travel was one of the fundamental cultural techniques used by both budding professionals and experienced enthusiasts to acquire a personal store of relevant architectural experiences. These educational and pleasure trips included both the Grand Tour of Classicism and the Oriental Journeys of Modernism. The latter will be the subject of an international conference at the University of Granada (Spain). Our excursion will not only include participation in this academic congress at the Alhambra: we will also examine the contemporary practice of architectural travel in situ, reflecting on the traditional means and purposes of this cultural technique.

Travel and accommodation must be organized by yourself. Costs approx. 800 €

(20.05.-24.05.2024)

First Meeting: Preliminary consultation

Thu 16.04.2024 5:15 pm - 18:30 pm

Seminar room history of building and architecture; Bldg. 20.40, R 015

Number of participants: 12

Study focus: Architectural and Cultural Heritage

V

Seminar week: The Potsdam Cultural Landscape - Architectural and Landscape-Historical Development between 1750 and 1930

1741386, SS 2024, 2 SWS, Language: German, [Open in study portal](#)

**Block (B)
On-Site**

Content

On our excursion we want to take an intensive look at the parks of Sanssouci and Neuer Garten as well as the palaces of Sanssouci, Neues Palais, Charlottenhof, Marmorpalais and Cecilienhof. Frederick II the Great (reign: 1740-86) and Frederick William IV (reign: 1840-61) wanted to create a new park in a geographically small area in Potsdam's Spree landscape. (reign: 1840-61), accompanied by their respective architects Georg Wenzeslaus von Knobelsdorff (1699-1753), Karl Friedrich Schinkel (1781-1841), Ludwig Persius (1803-45) and the garden designer Peter Joseph Lenné (1789-1866), a unity of ideal landscape (French or Italian model) and expressive stately architecture was created.

Together we will take a walk through the gardens and visit the named palaces.

Admission costs around 52 euros per student. Please make your own arrangements for travel and accommodation.

A visit to Karl Förster's perennial garden (1874-1970) in Potsdam Bornim will round off our excursion. Together with Hermann Mattern and Herta Hammerbacher, Förster, a perennial plant breeder known throughout Germany, planned and implemented pioneering modern garden design in Potsdam and Berlin during the 1920s and 1930s.

Seminar week/excursion (4 days, Tue 21.5.24 - Fri 24.5.24)

1.Meeting: Fr 03.05.2024 5 pm, Bldg. 20.40, R 015

Number of Participants: 10

Focus of study: Architectural and Cultural Heritage

V

Seminar week: Learning to Interpret Remains - Introduction to Architectural Research at Freiburg Minster

Block (B)
On-Site

1741389, SS 2024, 2 SWS, Language: German, [Open in study portal](#)

Content

Freiburg Minster was built between the 13th and 16th century and further developed in the following centuries with additions and stone replacements. Since the Middle Ages, the stone has been handled by the building lodge (Bauhütte), a stonemasonry business that carries out restoration work as well as stone replacement. In spring 2024, two new areas of the cathedral will be scaffolded. Two buttresses on the south side of the cathedral show signs of damage that need to be addressed. Both components show traces of a chequered history, which will be deciphered during the seminar week. After gaining an insight into the work of the building lodge today, we will head to the scaffolding. The following questions will be explored in small working groups: Which components date from which period and how can this be recognised? What clues can be seen about the construction technique, the production and the backfilling? Which traces indicate the construction process? How many people were involved in the construction?

The program is enriched by half-day excursions to buildings that show visible traces of history and its development, which are read, deciphered and interpreted together.

1st meeting: 21.05.2024, 10:30, Schoferstraße 4, 79098 Freiburg

Please bring along: 1 drawing board (min. DinA4), pencil, coloured pencils, folding rule, sturdy shoes, sturdy clothing

Costs: The journey from Karlsruhe to Freiburg and back must be organised by the participants themselves. Simple overnight accommodation with sleeping mat and sleeping bag in the building lodge (Münsterbauhütte) (please register in advance).

Number of participants: 20

Study focus: Architectural and Cultural Heritage

V

Seminar Week: Graffiti in Karlsruhe

Block (B)
On-Site

1800025, SS 2024, 1 SWS, Language: German, [Open in study portal](#)

Content

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

Seminar week: 21.5. to 24.5.2024

Exam: 24.5.2024

Places: 20





T

4.57 Course: Sound Insulation and Acoustics [T-ARCH-111340]

Responsible: Prof. Andreas Wagner
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105680 - Special Topics of Building Physics](#)

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

Events					
WT 24/25	1720977	Sondergebiete der Bauphysik: Noise Protection and Acoustics	2 SWS	Lecture / 	Wagner, Grunau

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

Competence Certificate

Oral exam of 25 minutes on the contents of the course.

Prerequisites

none

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

V

Sondergebiete der Bauphysik: Noise Protection and Acoustics

1720977, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

**Lecture (V)
On-Site**

Content

The students get insight into noise protection of buildings and room acoustics. The lectures address physical fundamentals of sound characteristics and propagation, acoustical properties of materials and building parts, design and construction details as well as technical components for noise protection and room acoustics. For qualification targets see module handbook.

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

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

First meeting: 25.10.2024 11:30 AM - 01:00 PM, HS 9

Submissio/Exam: 07.03.2025,,

Number of Participants: 10





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





T

4.58 Course: Spatial Theory [T-ARCH-107371]

Responsible: Prof. Marc Frohn
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103629 - Spatial Theory](#)

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

Events					
ST 2024	1710104	Raumlehre: Algeria	2 SWS	Seminar / 	Frohn, Gernay
ST 2024	1710105	Spatial Theory: „Zoom it, Crack it, Fix it“	2 SWS	Seminar / 	Frohn, Wasel
ST 2024	1710106	Research Seminar/Special Topics of Spatial Theory: Shape Grammars	2 SWS	Seminar / 	Frohn, Mori
WT 24/25	1710105	Spatial Theory: KIT 200: Back-to-Back in Waldstadt	2 SWS	Seminar / 	Frohn, Streicher

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

Competence Certificate

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 events related to this course:

V

Raumlehre: Algeria

1710104, SS 2024, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

Being the largest country in Africa, Algeria faces the Mediterranean sea with roots in the Sahara desert.

Over many centuries, the region has been shaped by various ethnic, cultural and religious influences, as a relay between Orient, Occident and West Africa.

In 1962 more than a century of French colonization ended. Algeria emerged as an independent nation.

The seminar is divided into two parts.

First, a drawing analysis and documentation of relevant architectural references with in-depth focus on their multi-faceted cultural and political context through texts, lectures and film screenings.

Then, we will undertake a 10-day excursion to Algeria to visit the architectural projects analyzed.

The excursion will take place in September 2024

First meeting: Wed. 17.04.24, 11:30 – 13:00

Submission/Exam: Wed. 07.08.24, 11:30 – 13:00

Excursion: End of September

V

Spatial Theory: „Zoom it, Crack it, Fix it“

1710105, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

Platforms like DALL-E or Midjourney are having a significant impact on methods of image production and are gaining increasing importance in architecture as well.

These production processes are enabled by the concept of so-called Prompt Engineering, which aims at processing natural language.

The seminar "Zoom it, Crack it, Fix it" explores the possibilities and potentials of creating and manipulating architectural images using this novel tool. Various text-to-image generators are tested, examining how this technology can assist in realizing and further developing ideas and concepts in architecture.

Through the analysis of a selected realized project, analytical (zoom it), descriptive (crack it), transformative, and synthetic (fix it) approaches are applied to develop a comprehensive understanding of the application of image-based design techniques.

Appointment: Wed, 11h30-13h

Submission: Thu, 08.08.24

V

Research Seminar/Special Topics of Spatial Theory: Shape Grammars

1710106, SS 2024, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

The seminar is part of the research project "Typological Resilience". Based on so-called "shape grammars", floor plans of canonical residential buildings are made geometrically describable and transferable. New floor plans can be generated based on them. Using a basic grammatical framework developed by R+E this process of translating will deepen your understanding of relevant principles and examples of housing plans. It will also address the following questions regarding the use of shape grammars:

How specific do the grammars have to be in order to describe the respective housing floor plans structurally unambiguously and make their qualities transferable?

To what extent can the shape grammars reveal unifying structural principles between the architecturally very different canonical reference floor plans?

17.04.24 – 07.08.2024

1st Meeting: 17.04.2024, 09:45

V

Spatial Theory: KIT 200: Back-to-Back in Waldstadt

1710105, WS 24/25, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

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

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

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

Focus of Study: Architecture and Cultural Heritage

First appointment: 23.10.2024

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

Final review:

T

4.59 Course: Special Topics in Building Studies and Design [T-ARCH-108455]**Responsible:** Prof. Meinrad Morger**Organisation:** KIT Department of Architecture**Part of:** [M-ARCH-104075 - Special Topics in Building Studies and Design](#)

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

Events					
WT 24/25	1710209	Building Studies and Design: Potentials of Prefabrication	2 SWS	Seminar	Morger, Amon, Kunkel, Schneider, Zaparta

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

V

Building Studies and Design: Potentials of Prefabrication**Seminar (S)**1710209, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)**Content**

In order to construct buildings as economically, resource-efficiently and sustainably as possible, the potential of prefabrication is once again coming to the fore. In the 'Potentials of prefabrication' analysis seminar this winter semester, we will be looking at various building systems and construction techniques based on different building materials from the past and present of architecture. We will analyse international projects of all typologies and focus on the joining and the resulting architectural character. What temporal context and what technical possibilities led to these solutions? What are the advantages and disadvantages and what are the potentials for the future?

First Meeting: 30.10.2024, 10:00 am, Building 20.40, Room 113, Seminar Room Gebäudelehre

Submission/ Presentation: Wed, 22.01.2025

Number of Participants: 18

T

4.60 Course: Special Topics in Spatial Theory [T-ARCH-108453]

Responsible: Prof. Marc Frohn
Organisation: KIT Department of Architecture
Part of: [M-ARCH-104074 - Special Topics in Spatial Theory](#)

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

Events					
ST 2024	1710104	Raumlehre: Algeria	2 SWS	Seminar / 🗎	Frohn, Gernay
ST 2024	1710106	Research Seminar/Special Topics of Spatial Theory: Shape Grammars	2 SWS	Seminar / 🗎	Frohn, Mori
ST 2024	1710107	Research Seminar/Special Topics of Spatial Theory: Inquiry about ZKM # 2	1 SWS	Seminar / 🌀	Perugini
WT 24/25	1710105	Spatial Theory: KIT 200: Back-to-Back in Waldstadt	2 SWS	Seminar / 🗎	Frohn, Streicher

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

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

V

Raumlehre: Algeria

1710104, SS 2024, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Being the largest country in Africa, Algeria faces the Mediterranean sea with roots in the Sahara desert.

Over many centuries, the region has been shaped by various ethnic, cultural and religious influences, as a relay between Orient, Occident and West Africa.

In 1962 more than a century of French colonization ended. Algeria emerged as an independent nation.

The seminar is divided into two parts.

First, a drawing analysis and documentation of relevant architectural references with in-depth focus on their multi-faceted cultural and political context through texts, lectures and film screenings.

Then, we will undertake a 10-day excursion to Algeria to visit the architectural projects analyzed.

The excursion will take place in September 2024

First meeting: Wed. 17.04.24, 11:30 – 13:00

Submission/Exam: Wed. 07.08.24, 11:30 – 13:00

Excursion: End of September

V

Research Seminar/Special Topics of Spatial Theory: Shape Grammars

1710106, SS 2024, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The seminar is part of the research project "Typological Resilience". Based on so-called "shape grammars", floor plans of canonical residential buildings are made geometrically describable and transferable. New floor plans can be generated based on them. Using a basic grammatical framework developed by R+E this process of translating will deepen your understanding of relevant principles and examples of housing plans. It will also address the following questions regarding the use of shape grammars:

How specific do the grammars have to be in order to describe the respective housing floor plans structurally unambiguously and make their qualities transferable?

To what extent can the shape grammars reveal unifying structural principles between the architecturally very different canonical reference floor plans?

17.04.24 – 07.08.2024

1st Meeting: 17.04.2024, 09:45

V

Research Seminar/Special Topics of Spatial Theory: Inquiry about ZKM # 2**Seminar (S)
Blended (On-Site/Online)**1710107, SS 2024, 1 SWS, Language: English, [Open in study portal](#)**Content**

Inquiry about ZKM #2

Since 2019, our team has been dedicated to uncovering the rich historical narrative surrounding the design for the ZKM building in Karlsruhe by Rem Koolhaas / OMA .

In this research seminar, we will explore the multifaceted nature of architectural production by examining the design project of the ZKM building. While studying the design project is just one approach to understanding architecture, we recognize the existence of numerous other sources that can shed light on its intricacies. By delving into the subject, we aim to unravel the reasons behind the unexpected cancellation of the ZKM project just a few months before construction was scheduled to begin. Through an exploration of politics, costs, and interpersonal relationships, we will rewrite an alternative history, presenting a fresh perspective on this captivating architectural endeavour. We will challenge conventional narratives and uncover hidden truths surrounding the ZKM project.

In this seminar, we will guide participants on how to effectively organise and advance their own research. Learn valuable techniques on selecting intriguing facts from vast archive material, collected at the Deutsches Kunstarchiv. The seminar will be mainly online, with some in presence sessions. The chair's inquiry into the ZKM project constitutes the basis for a future publication.

Meetings once every 2 weeks.

Wednesdays 9:45

V

Spatial Theory: KIT 200: Back-to-Back in Waldstadt**Seminar (S)
On-Site**1710105, WS 24/25, 2 SWS, Language: German/English, [Open in study portal](#)**Content**

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

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

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

Focus of Study: Architecture and Cultural Heritage

First appointment: 23.10.2024

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


Final review:





T

4.61 Course: Special Topics of Accessibility [T-ARCH-113247]

Responsible: Prof. Andreas Wagner
Organisation: KIT Department of Architecture
Part of: [M-ARCH-106575 - Special Topics of Accessibility](#)

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

Events					
ST 2024	1720554	Special Topics of Accessibility: Mapping Accessibility	4 SWS	Lecture / Practice (/ )	Karmann, Song, Yildiz

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

Competence Certificate

Examination of another type in the form of project presentations.

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

V

Special Topics of Accessibility: Mapping Accessibility

1720554, SS 2024, 4 SWS, Language: English, [Open in study portal](#)

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

Content

This course offers both undergraduate and graduate students an in-depth exploration of accessibility mapping. Starting with a comprehensive introduction to key themes like ableism, disability justice, universal design, accessibility and inclusion, the course progresses to critically examine the accessibility and inaccessibility of the built environment through innovative mapping tools. Using the campus as a living example, the seminar aims to provide a holistic understanding of different types of disabilities and their needs, diverse accessibility features of the campus environment and mapping them for disabled users. In addition, guest speakers, experts in accessibility and cartography, will be invited throughout the semester.

First Meeting: Friday 19.04.2024, 9:45 am

Regular Meetings: Fridays, 9:45am - 13:00 pm, Presence/Online

Exam/Delivery: Friday 09.08.2024, 9:45 am presentation of final project






Organizational issues





T

4.62 Course: Special Topics of Art History 1 [T-ARCH-107413]

Responsible: Studiendekan/in Kunstgeschichte
Organisation: KIT Department of Architecture
Part of: M-ARCH-103672 - Special Topics of Art History 1

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

Events					
ST 2024	1741321	Art History: The Painter Caspar David Friedrich (1774-1840)	2 SWS	Seminar / 	Fiorentini Elsen
ST 2024	1741322	Art History: Heimat	2 SWS	Seminar / 	Jehle
ST 2024	1741323	Art History: Early Modern Portrait Painting	2 SWS	Seminar / 	Papenbrock
ST 2024	1741324	Art History: The Eye and the Gaze. Art Histories of Seeing 14th-21st Century	2 SWS	Seminar / 	Fiorentini Elsen
ST 2024	1741325	Art History: Collecting Cultures: The Circulation of Americana from the Early Modern World to the Nineteenth Century	2 SWS	Seminar / 	Báez-Rubi
ST 2024	1741326	Art History: We Read Roland Barthes: Camera Lucida: Reflections on Photography, 1980	2 SWS	Seminar / 	Fiorentini Elsen
ST 2024	1741327	Art History: Collecting Cultures: The Aesthetic Recognition of Antique Amerindian Art	2 SWS	Seminar / 	Báez-Rubi
WT 24/25	1741314	Art History: Titian and his Century - Color of Nature / Nature as Color	2 SWS	Seminar / 	Fiorentini Elsen
WT 24/25	1741318	Art History: Machine Arts of Modernity	2 SWS	Seminar / 	Rottmann

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

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

V

Art History: The Painter Caspar David Friedrich (1774-1840)

1741321, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

The seminar is dedicated to the painter Caspar David Friedrich (1774-1840) on the occasion of his 250th birthday. Initially forgotten after his death in 1840 and only rediscovered in 1907, Friedrich is now one of the most popular artists of his era. At the transition from the 18th to the 19th century, he embodied a new relationship between the individual and nature, which was expressed in various contexts. We question Friedrich's history, his attitude and his painting practice and follow him on the path to a new way of seeing, which in his time not only asserted itself in art, but also in the sciences and in the general understanding of life.

Submission/Exam: written elaboration, 30.09.2024

Number of Participants: 3

V

Art History: Heimat

1741322, SS 2024, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

"Heimat" is a colourful term: ambiguous, changing over time, multi-perspective, this term is associated with the desire for the protected space of an intact world and an idyll removed from time. Friedrich spans abstract spaces full of transcendental ideas to generate Heimat, Ramdohr sees only "pathological emotion" at work there; and the experience of the National Socialist dictatorship drives all these ideas out of the aesthetic discourse on Heimat. We are dedicated to the idea of "Heimat" not only in discourses and artefacts since Romanticism, but also to phenomena such as the Heimat movement, the garden city and the diverse reconstructions in architectural contexts that affirm the concept of Heimat.

Submission/Exam: written elaboration, 30.09.2024

Number of Participants: 3

V

Art History: Early Modern Portrait Painting

1741323, SS 2024, 2 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Since the beginnings of panel painting in the early 15th century, portraiture has been one of its foremost tasks. In this seminar, major works of early modern portrait painting from van Eyck to Velazquez will be presented and discussed. The focus will not only be on the aesthetics, but also on the social role of those portrayed and the relationship between the individuals and the social and historical developments of their time.

Submission/Exam: written elaboration, 30.09.2024

Number of Participants: 3

V

Art History: The Eye and the Gaze. Art Histories of Seeing 14th-21st Century

1741324, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)

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

Content

Seeing has its own history, and understanding this is one of the main tasks of art history (Heinrich Wölfflin). The seminar discusses important historical shifts in the understanding of seeing in art, art theory, optics and philosophy. The focus will be on the way in which art and theories of vision have influenced each other. We will ask to what extent pictures reflect or have brought about changes in the understanding of seeing. Materials for discussion will come from painting, photography, film together with instruments and treatises.

Submission/Exam: written elaboration, 30.09.2024

Number of Participants: 3

V

Art History: Collecting Cultures: The Circulation of Americana from the Early Modern World to the Nineteenth Century

1741325, SS 2024, 2 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The seminar is dedicated to study collecting practices and circulation of artefacts and objects that were promoted with the establishment of the trade route between America-Europe-Asia. Students will have the opportunity to reflect on essential aspects of the circulation of material culture in the Spanish-American trading area, as well as to reflect on restitution issues of such kind of objects.

Submission/Exam: written elaboration, 30.09.2024

Number of Participants: 3

V

Art History: We Read Roland Barthes: Camera Lucida: Reflections on Photography, 1980

1741326, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

We read Roland Barthes' Camera Lucida. Reflections on Photography. The French philosopher's book, together with Susan Sontag's On Photography, is one of the first texts to theorize photography as a process, as an image and as a work of art. The book asks: What is the photographic image? What is its essence? How does it affect those who look at it? We examine the text and the historical and theoretical context in which it was conceived and question its impact and significance for art history. We also intensively analyze the historical and theoretical position of the instrumental image practices that justify the book's title: Camera, Camera Obscura, Camera Lucida.

Submission/Exam: written elaboration, 30.09.2024

Number of Participants: 3


Art History: Collecting Cultures: The Aesthetic Recognition of Antique Amerindian Art Seminar (S)

1741327, SS 2024, 2 SWS, Language: German, [Open in study portal](#)

On-Site

Content

The seminar discusses fundamental questions of aesthetic evaluation and recognition of image and art production produced by pre-Columbian cultures departing from historiographical sources. By analyzing case studies from different perspectives (art history, literary and visual studies), the seminar contributes to the understanding of the consolidation of art historical discourses on "ancient cultures" in America.

Submission/Exam: written elaboration, 30.09.2024

Number of Participants: 3


Art History: Titian and his Century - Color of Nature / Nature as Color

1741314, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)

On-Site

Content

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

Appointment: Wed 8 - 9:30 am, Bldg. 20.40, R124 FG KG

Submission/Exam: written elaboration, 31.03.2025

Number of Participants: 3

Organizational issues

Die Teilnahme an der ersten und letzten Seminarsitzung ist verpflichtend!


Art History: Machine Arts of Modernity

1741318, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)

On-Site

Content

The usage of Artificial Intelligence (AI) or rather Machine Learning in visual arts is currently debated in many cases. The history of such an AI art goes back to the 1950s. This seminar is dedicated to a prehistory and thus wants to see modernity through the glasses of the machine. It needs to be questioned: In which manner machines found their way into visual arts? Which roles did they play? Which historical, e. g. socio-political contexts and motives existed? We want to develop answers using the example of art movements like Futurism or Bauhaus – to do so we need to acquire concepts of machines and to get an understanding of each relevant art movement, individual oeuvres as well as history of culture and technology. Dealing with machine arts this seminar aims at an enhanced understanding of modernity as well as contemporary AI art. An excursion is contemplated.

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

Submission/Exam: written elaboration, 31.03.2025

Number of Participants: 5

T

4.63 Course: Special Topics of Art History 2 [T-ARCH-107414]

Responsible: Studiendekan/in Kunstgeschichte
Organisation: KIT Department of Architecture
Part of: M-ARCH-103673 - Special Topics of Art History 2

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

Events					
ST 2024	1741321	Art History: The Painter Caspar David Friedrich (1774-1840)	2 SWS	Seminar / 🎧	Fiorentini Elsen
ST 2024	1741322	Art History: Heimat	2 SWS	Seminar / 🎧	Jehle
ST 2024	1741323	Art History: Early Modern Portrait Painting	2 SWS	Seminar / 🎧	Papenbrock
ST 2024	1741324	Art History: The Eye and the Gaze. Art Histories of Seeing 14th-21st Century	2 SWS	Seminar / 🔄	Fiorentini Elsen
ST 2024	1741325	Art History: Collecting Cultures: The Circulation of Americana from the Early Modern World to the Nineteenth Century	2 SWS	Seminar / 🎧	Báez-Rubi
ST 2024	1741326	Art History: We Read Roland Barthes: Camera Lucida: Reflections on Photography, 1980	2 SWS	Seminar / 🎧	Fiorentini Elsen
ST 2024	1741327	Art History: Collecting Cultures: The Aesthetic Recognition of Antique Amerindian Art	2 SWS	Seminar / 🎧	Báez-Rubi
WT 24/25	1741314	Art History: Titian and his Century - Color of Nature / Nature as Color	2 SWS	Seminar / 🎧	Fiorentini Elsen
WT 24/25	1741318	Art History: Machine Arts of Modernity	2 SWS	Seminar / 🎧	Rottmann

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

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

V

Art History: The Painter Caspar David Friedrich (1774-1840)

1741321, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

The seminar is dedicated to the painter Caspar David Friedrich (1774-1840) on the occasion of his 250th birthday. Initially forgotten after his death in 1840 and only rediscovered in 1907, Friedrich is now one of the most popular artists of his era. At the transition from the 18th to the 19th century, he embodied a new relationship between the individual and nature, which was expressed in various contexts. We question Friedrich's history, his attitude and his painting practice and follow him on the path to a new way of seeing, which in his time not only asserted itself in art, but also in the sciences and in the general understanding of life.

Submission/Exam: written elaboration, 30.09.2024

Number of Participants: 3

V

Art History: Heimat

1741322, SS 2024, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

"Heimat" is a colourful term: ambiguous, changing over time, multi-perspective, this term is associated with the desire for the protected space of an intact world and an idyll removed from time. Friedrich spans abstract spaces full of transcendental ideas to generate Heimat, Ramdohr sees only "pathological emotion" at work there; and the experience of the National Socialist dictatorship drives all these ideas out of the aesthetic discourse on Heimat. We are dedicated to the idea of "Heimat" not only in discourses and artefacts since Romanticism, but also to phenomena such as the Heimat movement, the garden city and the diverse reconstructions in architectural contexts that affirm the concept of Heimat.

Submission/Exam: written elaboration, 30.09.2024

Number of Participants: 3

V

Art History: Early Modern Portrait Painting

1741323, SS 2024, 2 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Since the beginnings of panel painting in the early 15th century, portraiture has been one of its foremost tasks. In this seminar, major works of early modern portrait painting from van Eyck to Velazquez will be presented and discussed. The focus will not only be on the aesthetics, but also on the social role of those portrayed and the relationship between the individuals and the social and historical developments of their time.

Submission/Exam: written elaboration, 30.09.2024

Number of Participants: 3

V

Art History: The Eye and the Gaze. Art Histories of Seeing 14th-21st Century

1741324, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)

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

Content

Seeing has its own history, and understanding this is one of the main tasks of art history (Heinrich Wölfflin). The seminar discusses important historical shifts in the understanding of seeing in art, art theory, optics and philosophy. The focus will be on the way in which art and theories of vision have influenced each other. We will ask to what extent pictures reflect or have brought about changes in the understanding of seeing. Materials for discussion will come from painting, photography, film together with instruments and treatises.

Submission/Exam: written elaboration, 30.09.2024

Number of Participants: 3

V

Art History: Collecting Cultures: The Circulation of Americana from the Early Modern World to the Nineteenth Century

1741325, SS 2024, 2 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The seminar is dedicated to study collecting practices and circulation of artefacts and objects that were promoted with the establishment of the trade route between America-Europe-Asia. Students will have the opportunity to reflect on essential aspects of the circulation of material culture in the Spanish-American trading area, as well as to reflect on restitution issues of such kind of objects.

Submission/Exam: written elaboration, 30.09.2024

Number of Participants: 3

V

Art History: We Read Roland Barthes: Camera Lucida: Reflections on Photography, 1980

1741326, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

We read Roland Barthes' Camera Lucida. Reflections on Photography. The French philosopher's book, together with Susan Sontag's On Photography, is one of the first texts to theorize photography as a process, as an image and as a work of art. The book asks: What is the photographic image? What is its essence? How does it affect those who look at it? We examine the text and the historical and theoretical context in which it was conceived and question its impact and significance for art history. We also intensively analyze the historical and theoretical position of the instrumental image practices that justify the book's title: Camera, Camera Obscura, Camera Lucida.

Submission/Exam: written elaboration, 30.09.2024

Number of Participants: 3


Art History: Collecting Cultures: The Aesthetic Recognition of Antique Amerindian Art Seminar (S)

1741327, SS 2024, 2 SWS, Language: German, [Open in study portal](#)

On-Site

Content

The seminar discusses fundamental questions of aesthetic evaluation and recognition of image and art production produced by pre-Columbian cultures departing from historiographical sources. By analyzing case studies from different perspectives (art history, literary and visual studies), the seminar contributes to the understanding of the consolidation of art historical discourses on "ancient cultures" in America.

Submission/Exam: written elaboration, 30.09.2024

Number of Participants: 3


Art History: Titian and his Century - Color of Nature / Nature as Color Seminar (S)

1741314, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)

On-Site

Content

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

Appointment: Wed 8 - 9:30 am, Bldg. 20.40, R124 FG KG

Submission/Exam: written elaboration, 31.03.2025

Number of Participants: 3

Organizational issues

Die Teilnahme an der ersten und letzten Seminarsitzung ist verpflichtend!


Art History: Machine Arts of Modernity Seminar (S)

1741318, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)

On-Site

Content

The usage of Artificial Intelligence (AI) or rather Machine Learning in visual arts is currently debated in many cases. The history of such an AI art goes back to the 1950s. This seminar is dedicated to a prehistory and thus wants to see modernity through the glasses of the machine. It needs to be questioned: In which manner machines found their way into visual arts? Which roles did they play? Which historical, e. g. socio-political contexts and motives existed? We want to develop answers using the example of art movements like Futurism or Bauhaus – to do so we need to acquire concepts of machines and to get an understanding of each relevant art movement, individual oeuvres as well as history of culture and technology. Dealing with machine arts this seminar aims at an enhanced understanding of modernity as well as contemporary AI art. An excursion is contemplated.

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

Submission/Exam: written elaboration, 31.03.2025

Number of Participants: 5

T

4.64 Course: Special Topics of Building Lifecycle Management 1 [T-ARCH-107397]

Responsible: 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 scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each term	1

T

4.65 Course: Special Topics of Building Lifecycle Management 2 [T-ARCH-107398]

Responsible: 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 scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each term	1

T

4.66 Course: Special Topics of Building Technology [T-ARCH-107395]

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

Organisation: KIT Department of Architecture

Part of: [M-ARCH-103652 - Special Topics of Building Technology](#)

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

Events					
ST 2024	1720850	Professional Detailed Planning	4 SWS	Block / 🗓️	Zöller
ST 2024	1720977	Research Fields: Can the energy transition in the building sector still be achieved at all?	2 SWS	Seminar / 🗓️	Wagner
ST 2024	1720978	Special Topics of Building Technology: Measurement and Data-based Assessment of Building Performance	2 SWS	Seminar / 🗓️	Wagner, Risetto, Mann
ST 2024	1720990	Special Topics of Building Technology: Shaping the Heating Transition at District Level	2 SWS	Seminar / 🔄	Schossig
WT 24/25	1720981	Research Seminar: Solar Facade elements with PVT Technology for direct Heating and Cooling with the Sun	2 SWS	Seminar / 🗓️	Wagner
WT 24/25	1720990	Special Topics of Building Technology: Climateneutral Heat Supply For Buildings And Districts	2 SWS	Lecture / 🗓️	Schossig

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

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

V

Professional Detailed Planning

1720850, SS 2024, 4 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 course is divided into 2 parts and is offered consecutively in WiSe and SoSe. It is recommended to attend both seminars

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

Dates: Mon 05.08., Wed 07.08., Fr 09.08. Times: 09:30 am - 05:00 pm

Examination/delivery: 15.08.2024

Number of participants: 50

Focus of Study: Building Technology

V

Research Fields: Can the energy transition in the building sector still be achieved at all?

Seminar (S)
On-Site1720977, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)

Content

The waves surrounding the Building Energy Act seem to have calmed down, new funding incentives have been introduced for replacing heating systems - but the renovation rate in the building sector is still stagnating and gas and oil boilers are still being installed. On the other hand, climate change is not waiting, i.e. the longer we wait, the more difficult it will be to achieve the emission targets. So how can the heating transition in the building sector be set in motion? What are suitable strategies and what are important boundary conditions - such as (construction) technical aspects or socio-economic factors or building culture issues - that need to be taken into account? These questions will be explored in the seminar and different expert opinions will be included.

Mo. 15.04.2024 15:45 PM - 17:15 PM R. 240

Examination: 25.07.2024

Number of Participants: 10

V

Special Topics of Building Technology: Measurement and Data-based Assessment of Building Performance

Seminar (S)
On-Site1720978, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)

Content

The seminar aims to introduce students practically and conceptually to the evaluation of building performance using real building data. Various methods of data collection and analysis enable a practical assessment of the energy consumption of buildings and the evaluation of the indoor climate. In the seminar, energy, comfort, air quality and lighting of real case studies will be evaluated through own monitoring campaigns and surveys; in this context, students will also learn how to use measurement technology.

Appointment: Tues. 11:30 AM - 13:00 PM R240

First meeting: Tues. 16.04.2024 11:30 AM

Examination: 13.08.2024

Number of Participants: 16

V

Special Topics of Building Technology: Shaping the Heating Transition at District Level

Seminar (S)
Blended (On-Site/Online)1720990, SS 2024, 2 SWS, Language: German, [Open in study portal](#)

Content

The supply of heat to buildings using renewable energies will play a decisive role in the energy transition. Many solutions are easier to implement at district level than in individual buildings. In the coming years, mandatory municipal heat planning will create a great need for innovative solutions. In this seminar, technical solutions will be presented and evaluated, concepts compared and classified within the legal framework. The focus will be on heating networks and heat pumps, from source availability to rough dimensioning. The seminar will conclude with an excursion to an example district.

Regular date: Fri 11.30-13.00 hrs,

1st date: Friday 19.04.2024, 11.30 a.m.

Number of participants: 12

V

Research Seminar: Solar Facade elements with PVT Technology for direct Heating and Cooling with the Sun

Seminar (S)
On-Site1720981, WS 24/25, 2 SWS, Language: German/English, [Open in study portal](#)

Content

As part of the seminar, we will be working on an innovative solution for the energy-efficient refurbishment of multi-family buildings, which is also the subject of an ongoing research project at our professorship. A façade module is being developed that enables the simultaneous renovation of the building envelope and heating system and uses the building envelope directly for heating and cooling with the help of solar and heat pump technology. The tasks to be worked on in the seminar include (1) developing a catalog of requirements with regard to suitable façade typologies for such modules and (2) developing initial design and construction solutions for façade integration, including structural and building physics details.

Appointment: Mo. 03:45 PM - 05:15 PM, 20.40, R 240

First meeting: 21.10.2024, 03:30 PM, R 240

Submission/Exam: 03.03.2025

Number of Participants: 10

V**Special Topics of Building Technology: Climateneutral Heat Supply For Buildings And Districts****Lecture (V)
On-Site**1720990, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)**Content**

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

Regular date: Fri 11.30-13.00 hrs,

1st date: Friday 04.10.2024, 11.30 a.m.

Number of participants: 12

T

4.67 Course: Special Topics of Building Technology [T-ARCH-107404]

Responsible: Prof. Dr.-Ing. Rosemarie Wagner
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103661 - Special Topics of Building Technology](#)

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

Events					
ST 2024	1720910	Building Techniques: Lightweight. Nothing but thin air or cable net constructions	4 SWS	Lecture / Practice (/ 🗣️)	Wagner, Mildenberger
ST 2024	1720911	Building Technology: Building summer - lime, clay, hemp	4 SWS	Seminar / 🗣️	Wagner, Dorbach, Mildenberger
WT 24/25	1720906	Building Techniques: Lightweight structures - Cable nets as source of energy and sink	4 SWS	Seminar / 🗣️	Wagner, Sickinger, Ge
WT 24/25	1720907	Building Techniques: Building Workshop Structure - integrated and functional	4 SWS	Seminar / 🗣️	Wagner, Sickinger

Legend: 🖥️ Online, 🔄 Blended (On-Site/Online), 🗣️ On-Site, ✖ Canceled

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

V

Building Techniques: Lightweight. Nothing but thin air or cable net constructions

Lecture / Practice (VÜ)
On-Site

1720910, SS 2024, 4 SWS, Language: German/English, [Open in study portal](#)

Content

How far can (spatial) boundaries be dissolved without losing space? Which building materials and how much of them are needed for a design task when aiming for minimum material use? What are the consequences of avoiding conventional constructions? And what role do cable net constructions play here? They can not only be used as an invisible second skin for green facades. They can also be walked on, covered by transparent elements, both horizontal, vertical, diagonal...

We want to give it a try and recreate floors/ ceilings/ walls/ etc. in a lightweight way.

And since new technologies go hand in hand with new rules, we'll learn how cable nets work, what they can do and what needs to be taken into account when designing and planning them. A seminar with trial and error, in order to find out and apply.

Appointment: Fri 10:00 am – 1:00 pm

Place: 06.34, R 112 Westhochschule, Hertzstr. 16

Excursions: Mandatory excursion to cable net manufacturer

Submission / examination: 30.09.2024

Number of participants: 20

Focus of study: Building Technology

V

Building Technology: Building summer - lime, clay, hemp

Seminar (S)
On-Site

1720911, SS 2024, 4 SWS, Language: German/English, [Open in study portal](#)

Content

The participants are encouraged to explore hemp-clay and hemp-lime as resource-efficient building materials with positive insulating and moisture properties within. The knowledge about production, processing and use of these historical but evergreen building materials was lost during the last decades.

The content of the seminar is to gain access to these building materials by testing mixtures, processing them into stones or as filling between wooden constructions. This goes beyond presenting technical data and application possibilities by means of practical implementation, in which experiencing and experiencing the building process are added as sensory impressions.

The course includes introduction dates in the different materials with lecture and practice as well as two block dates. The first block will take place at Campus West, KIT. The second block is a 5-day building phase external and will be announced at the beginning of the course.

Appointment: Fri, 19.04.2024, 2:00 p.m.

Location: 06.34 R 112 Campus West, Hertzstr. 16 76187 Karlsruhe

First part: appointment according to arrangement with participants

Second part (Mandatory excursion): workshop on the construction site in calendar week 33

Workshop event on construction site:

- Accommodation free, e.g. on camp beds
- personal safety equipment is mandatory (safety shoes, work trousers, gloves, glasses)
- Meals on site: self-catering or lunch menu with discount

Submission / examination: 30.08.2024

Number of participants: 16

Focus of study: building technology

V

Building Techniques: Lightweight structures - Cable nets as source of energy and sink

1720906, WS 24/25, 4 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

To what extent can urban spaces be designed with light and transparent structures that fulfil functions such as energy sink [\[GX\(1\)\]](#) and energy source? What are the consequences of abandoning conventional structures? And how can cable net structures be combined with lightweight PV modules? How can the acceptance of these structures be understood, what methods are available for this and for which locations are they suitable?

We want to get involved in an experiment and recreate shading in public spaces.

And since new technologies also bring new rules, we learn in advance how cable nets create spaces, what they can do and what needs to be considered during design and construction. In addition, we want to put PV modules on the cable nets to generate energy and provide shade at the same time. To touch, understand and experiment.

In addition, we would like to find out how our structures are perceived and accepted by different people. For this purpose, the House of Competence (HOC) with Alexa Kunz and Sarah Herrmann will be integrated as a contribution to the design-related reflection report.

Based on the results of the seminar, the HOC offers participants an in-depth elaboration on research impulses in the design process as an additional service.

Regular dates: Friday 2.00 pm – 5.15 pm

1st meeting: 25.10.2024, Hertzstrasse 16, 76187 Karlsruhe, Bldg.06.34

Place: 06.34 R 112 Westhochschule, Hertzstr. 16

Excursions to be present to a manufacturer of cable nets

Submission / examination: 07.03.2025

Number of participants: 24

Focus of study: Building Technology

V

Building Techniques: Building Workshop Structure - integrated and functional

1720907, WS 24/25, 4 SWS, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

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

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

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

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

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

It is recommended to take this seminar as a supplement to the design "Neue Markthalle Karlsruhe" professorship BLM. The task within the seminar can be freely selected to the design of market hall structure or market stand.

Regular sessions: Fridays 9:45 AM – 1:00 PM

First meeting: October 25, 2024, Hertzstrasse 16, 76187 Karlsruhe, Building 06.34

Excursions to be present: to wooden and clay structures

Submission/Presentation: March 7, 2025

Number of participants: 24

T

4.68 Course: Special Topics of Comfort and Resilience [T-ARCH-113248]

Responsible: Prof. Andreas Wagner
Organisation: KIT Department of Architecture
Part of: [M-ARCH-106576 - Special Topics of Comfort and Resilience](#)

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

Events					
ST 2024	1720552	Special Topics of Comfort and Resilience: Inquiry by Design: Libraries	4 SWS	Lecture / Practice (/ ☞)	Karmann
ST 2024	1720556	Special Topics of Comfort and Resilience: Mapping Urban Microclimate and Comfort	4 SWS	Lecture / Practice (/ ☞)	Karmann, Sepúlveda, Balakrishnan
WT 24/25	1720569	Special Topics of Comfort and Resilience: Acoustic-visual Design in Indoor Spaces	2 SWS	Seminar / 🗣️	Sepúlveda, Dong

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

Competence Certificate

Examination of another type in the form of project presentations.

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

V

Special Topics of Comfort and Resilience: Inquiry by Design: Libraries

1720552, SS 2024, 4 SWS, Language: English, [Open in study portal](#)

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

Content

This seminar provides undergraduate and graduate students with theoretical input and practical research methods useful for the planning, programming, designing, and evaluating the effects of physical environments in use. Assessment methods include systematic observations of building features and occupant behaviors, the design and implementation of an occupant survey, and measurements relating to indoor environmental quality (i.e. visual comfort, acoustics, thermal comfort) and accessibility (both physical and sensory) of spaces. With a focus on libraries the students can anticipate exciting excursions integral to the course experience. The assignments in this course consist of detailed analyses and case studies.

First Meeting: Tuesday 16.04.2024, 9:45 am -13:00 pm

Regular Meetings: Tuesdays. 9:45 am -13 pm, Presence/Online, on Request

Tuesday 06.08.2024, 9:45 am, presentation of final projects

Annotation (if necessary, with compulsory excursion):

Half-day excursions to Karlsruhe, Stuttgart and Freiburg are planned

V

Special Topics of Comfort and Resilience: Mapping Urban Microclimate and Comfort

1720556, SS 2024, 4 SWS, Language: English, [Open in study portal](#)

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

Content

The seminar deals with the topic of outdoor comfort in the urban environment, presenting factors of influence and measurements techniques for the assessment of different comfort domains: thermal, visual, acoustic and air quality. The students attending this course are expected to learn how urban features influence various outdoor comfort domains, as well as how to map, visualize, and apply scientifically-based criteria for designing comfortable urban areas.

First Meeting: Friday 19.04.2024, 9:45 am

Regular Meetings: Fridays, 9:45am - 13:00 pm, Presence/Online

Exam/Delivery: Wednesday 07.08.2024 presentation of final projects

**Special Topics of Comfort and Resilience: Acoustic-visual Design in Indoor Spaces** Seminar (S)1720569, WS 24/25, 2 SWS, Language: English, [Open in study portal](#)**On-Site****Content**

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

The students:

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

Regular times: Tuesday, 9:45-11:00

First Meeting: Tuesday, 23.10.2024

Exam date: Tuesday, 19.02.2025

Organizational issues


Basic knowledge in Grasshopper, Rhinoceros





T

4.69 Course: Special Topics of Communication of Architecture [T-ARCH-107394]

Responsible: Prof. Dr. Riklef Rambow
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103651 - Special Topics of Communication of Architecture](#)

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

Events					
ST 2024	1710452	a*komm on Site. Paris (incl. Excursion)	2 SWS	Seminar / 	Rambow, Alkadi

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

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

V

a*komm on Site. Paris (incl. Excursion)

1710452, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Paris, the "capital of the 19th century", is still one of the most fascinating cities in the world. In the seminar, we will examine why this is the case and how the historical layers of the city contribute to how we actually experience it today. We will also visit key sites of current development and explore how they interact with the existing city. These investigations will be guided by how the city presents itself and will include visits to key institutions such as the Pavillon de l'Arsenal, the Cité de l'Architecture et du Patrimoine and the Musée Carnavalet.

The excursion to Paris is an essential part of the course. Travel and accommodation can be organized by the students themselves; total costs of approx. 500 euros are to be expected.

Excursion: Paris, planned from 30.09.-04.10.2024

Submission/Exam: 05.10.2024

Number of Participants: max. 25





Focus of Study: Architectural and Cultural Heritage

T

4.70 Course: Special Topics of Construction Planning Law [T-ARCH-107436]**Responsible:** Holger Fahl**Organisation:** KIT Department of Architecture**Part of:** [M-ARCH-103688 - Special Topics of Construction Planning Law](#)

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

Events					
WT 24/25	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 events related to this course:

V

Special Topics of construction planning law1731191, WS 24/25, 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:

- Bürgerliches Gesetzbuch: mit Allgemeinem Gleichbehandlungsgesetz, Produkthaftungsgesetz, Wohnungseigentumsgesetz, Beurkundungsgesetz und Erbbaurechtsgesetz (Beck-Texte im dtv), 93. Edition, 2024
- 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), 39th edition, 2024

1.meeting: Mon 21.10.2024

Exam date: Mon 24.02.2025

T

4.71 Course: Special Topics of Design Theory [T-ARCH-107384]

Responsible: Prof. Simon Hartmann
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103640 - Special Topics of Design Theory](#)

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

Events					
ST 2024	1710307	Design Theory: The other school. Unconventional spaces for learning	2 SWS	Seminar / 🗣️	Hartmann, Kadid, Coricelli, Vansteenkiste
WT 24/25	1710305	Design Theory: KIT 200: Egon Eiermann's Oil City in Karlsruhe	2 SWS	Seminar / 🗣️	Hartmann, Coricelli

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

Competence Certificate

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 events related to this course:

V

Design Theory: The other school. Unconventional spaces for learning

1710307, SS 2024, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The times in which studying something meant to acquire the tools for a successful professional life are long gone. The half-life of knowledge got so short that learning became an integral part of any profession.

In *The Other School* seminar we will investigate a wide range of non-generic spaces for learning, where spatial form is informed by the needs of a specific skillbuilding.

How can strict requirements produce spaces that express quality beyond their functionality?

From the traditional workshop to the Bürolandschaft of contemporary co-working spaces, we aim to build an atlas of different ways of designing the learning space.

Event Format: Blended (On-Site/Online)

Schedule: Each second week - Wednesdays

First meeting: 24.04.2024 at 4:00 PM, Geb. 20.40-R221

Number of Participants: Maximum 16

Hand In / Final Presentation: 05.08.2024

Deliverables: Research report

V

Design Theory: KIT 200: Egon Eiermann's Oil City in Karlsruhe

1710305, WS 24/25, 2 SWS, Language: German/English, [Open in study portal](#)

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

Content

A photograph of 1961 depicts Egon Eiermann sitting behind a model of the entrance buildings of the DEA-Schoven Refinery fitting almost the whole main space of the professorship Bauplanung at KIT. Even if experienced with many built works, that bigness presented by the site was unprecedented for Eiermann. How to conceive an architectural intervention at the fringe of a system of functional objects shaped by technical requirements?

Starting from that very same space of Eiermann's chair/office, we propose to investigate and expand the knowledge of his work, climbing up all the scales from the physical model to the 1:1 realization of the entrance system of the largest oil refinery in Germany.

On the occasion of the 200th anniversary of the school, the results of the seminar will be exhibited in the fall of 2025 in a collective show on the networks and contributions of KIT professors and the city of Karlsruhe and its broader territory.

Appointment: Wednesday, 11 AM -2 PM each second week

First meeting: 30.10.2024, at 11.00 AM, Geb. 20.40 R221

Submission/ Exam: 29.01.2025 (TBC)

Number of participants: 16

Form: Individual and collective work

T

4.72 Course: Special Topics of Digital Design and Fabrication [T-ARCH-111791]

Responsible: TT-Prof. Moritz Dörstelmann
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105858 - Selected Topics of Digital Design and Fabrication](#)

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

Competence Certificate

Other examination requirements based on a final presentation.

Prerequisites

none

T

4.73 Course: Special Topics of Fine Arts 1 [T-ARCH-107390]

Responsible: Prof. Stephen Craig
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103647 - Special Topics of Fine Arts 1](#)

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

Events					
ST 2024	1710365	Fine Arts: Greenspace: DisPlayZone	4 SWS	Seminar /	Craig, Schelble
ST 2024	1710367	Fine Arts: Fresh air drawing Foot walk diaries	4 SWS	Seminar /	Craig
ST 2024	1710369	Fine Arts: How you look at it	4 SWS	Seminar /	Craig, Engel
ST 2024	1710370	Fine Arts: Nail Art	4 SWS	Seminar /	Craig, Kranz
ST 2024	1710373	Fine Arts: Open embassy for Democracy	4 SWS	Seminar /	Craig, Kranz
WT 24/25	1710367	Fine Arts: Colours of the Day	4 SWS	Seminar /	Craig
WT 24/25	1710369	Fine Arts: DEMOCRACY and ART for all	4 SWS	Seminar /	Craig, Kranz
WT 24/25	1710371	Fine Arts: round table: Building botanical experiments	4 SWS	Seminar /	Craig, Schelble

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

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

V

Fine Arts: Greenspace: DisPlayZone

1710365, SS 2024, 4 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

An infrastructure for artistic interventions is to be developed for a derelict section of the former Westwall in Rheinstetten. In this way, the site is to be opened up for a transformation process of aesthetic design. An exhibition zone is to be created alongside and with lively, growing spatial structures: In collaboration with the scenography department of the HfG, temporary exhibition (outdoor) spaces are to be designed and tested in the area of the emerging orchard, making the possible interactions of sustainability and aesthetics visible. The boundary conditions of the task consist of the co-creative processes of human and non-human beings and the imaginative, aesthetic translatability of spatial structures with simple means. Cooperation with Hanne König (academic assistant HfG) and the students of the exhibition design and scenography group as part of the Open Studio (HfG), Olaf Quantius (artist, doctoral student at the Kunsthochschule Linz), Martin Reuter (nature conservation officer, City of Rheinstetten),

Regular date: Fridays, 09:45 Am - 1:00 PM

First date: Friday 19.04.2024 09:45 Am in the drawing room, 204 building 20.40

Special date with Hanne König on May 2, 2024 10:00 a.m.

Submission/examination:

Number of participants: 8 (+3 Erasmus)

V

Fine Arts: Fresh air drawing Foot walk diaries

1710367, SS 2024, 4 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

With the observation of our every day world begins a process of reflection and visualization. Through a row of sketches and drawings combined with short written descriptions we begin an intensive exploration of the city of Karlsruhe. In the time period of one semester, the exercise involves filling up some DIN A4 sketch pads. Personal impressions of city life are to be documented. In a similar manner to that of a picture book diary, a narrative begins to occur.

Every participant will be given a small perspex glass plate, DIN A4, which he/she can keep with them for the duration of the course. This plate will serve as a very simple additional drawing support mechanism.

Appointment: Monday 9:45 AM - 1:00 PM

First meeting: 15.04.2024

Submission/ Exam:

Number of participants: 12 + 3 Erasmus

V

Fine Arts: How you look at it

1710369, SS 2024, 4 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

Photography is a technical medium. Photographic practice requires a comprehensive knowledge of the equipment and tools to be used, a deep understanding of the underlying processes and their critical reflection.

The focus of the seminar is the development of an independent photographic work on a given topic. The theoretical input includes an analysis of photographic images and a guide to understanding the impact of photography. The seminar begins with an examination of a photographic position. The next step is to visit an exhibition to explore the use of different media in the display of images and the presentation of photography. After a short exercise, the process of developing a personal interpretation of the seminar topic begins, starting with brainstorming, continuous corrections and the final presentation of the photographic work in a possible exhibition context.

Regular date: Mondays, 14:00h - 17:00h

1st date: Monday, 15.04.2024 and 15.07.2024 09:45

Final presentation: Monday, 05.08.2024, 09:45

Room: 015

Participants 6

V

Fine Arts: Nail Art

1710370, SS 2024, 4 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

You can find them everywhere -- nail studios. We want to approach this phenomenon from a historical, sociological, architectural and artistic perspective. What exactly is NAIL ART, is it a trend, an art form or a craft? What are the working conditions and production spaces like and what prejudices are the actors in this scene confronted with? Can nails be political?

The collective seminar format invites you to explore different aspects of NAIL ART using the artistic-research method of mapping and to deepen your knowledge with the help of expert interviews. Based on the research, we will develop a NAIL ART Collection, which will be presented as a performance.

Regular date: Monday 14:00-17:15, from 15.04.2024, Room 204 / Drawing room

The seminar will be held in collaboration with NAIL ART expert Stella Gutwein.

Submission/examination: 12.08.2024

Number of participants: 12+2 Erasmus

V

Fine Arts: Open embassy for Democracy

1710373, SS 2024, 4 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

Under the motto "doing democracy", the Montag Foundation is initiating a pilot project on the site of the former American Embassy Club on the banks of the Rhine in Bonn, which was built in 1951 in the style of the "Prairie Houses" of the US Midwest and is now a listed building. In the coming years, the OPEN EMBASSY FOR DEMOCRACY is to be created here as a prototype of civic engagement and as a living place for the vitalization of democracy. We will use artistic research methods to approach the building, its history and the socio-political issues of the project. On this basis, both independent artistic works and concepts for a temporary exhibition will be developed.

Regular date: Fri, 9:45-13:00

1st date: 19.04.2024, Room 221 / Seminar room BPL

Submission/examination: 16.08.2024

Number of participants: 12+2 Erasmus

**Fine Arts: Colours of the Day**

1710367, WS 24/25, 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, 21.10.2024, 9:45 Uhr, 20.40 R204 FG BK

Submission / Exam:

Number of participants: 12+3 Erasmus

**Fine Arts: DEMOCRACY and ART for all**

1710369, WS 24/25, 4 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

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

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

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

Room 204 / Drawing Room

Compulsory excursion to Bonn: 27.-28.10.2024

Submission/Exam: 24.02.2025

Number of Participants: 10 MA (kein Erasmus)

Language: german

**Fine Arts: round table: Building botanical experiments**

1710371, WS 24/25, 4 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

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

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

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

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

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

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

Number of participants: 5 Master + 2 Erasmus

Submission / examination: 07.02.2025

T

4.74 Course: Special Topics of Fine Arts 2 [T-ARCH-107391]

Responsible: Prof. Stephen Craig
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103648 - Special Topics of Fine Arts 2](#)

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

Events					
ST 2024	1710365	Fine Arts: Greenspace: DisPlayZone	4 SWS	Seminar /	Craig, Schelble
ST 2024	1710367	Fine Arts: Fresh air drawing Foot walk diaries	4 SWS	Seminar /	Craig
ST 2024	1710369	Fine Arts: How you look at it	4 SWS	Seminar /	Craig, Engel
ST 2024	1710370	Fine Arts: Nail Art	4 SWS	Seminar /	Craig, Kranz
ST 2024	1710373	Fine Arts: Open embassy for Democracy	4 SWS	Seminar /	Craig, Kranz
WT 24/25	1710367	Fine Arts: Colours of the Day	4 SWS	Seminar /	Craig
WT 24/25	1710369	Fine Arts: DEMOCRACY and ART for all	4 SWS	Seminar /	Craig, Kranz
WT 24/25	1710371	Fine Arts: round table: Building botanical experiments	4 SWS	Seminar /	Craig, Schelble

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

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

V

Fine Arts: Greenspace: DisPlayZone

1710365, SS 2024, 4 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

An infrastructure for artistic interventions is to be developed for a derelict section of the former Westwall in Rheinstetten. In this way, the site is to be opened up for a transformation process of aesthetic design. An exhibition zone is to be created alongside and with lively, growing spatial structures: In collaboration with the scenography department of the HfG, temporary exhibition (outdoor) spaces are to be designed and tested in the area of the emerging orchard, making the possible interactions of sustainability and aesthetics visible. The boundary conditions of the task consist of the co-creative processes of human and non-human beings and the imaginative, aesthetic translatability of spatial structures with simple means. Cooperation with Hanne König (academic assistant HfG) and the students of the exhibition design and scenography group as part of the Open Studio (HfG), Olaf Quantius (artist, doctoral student at the Kunsthochschule Linz), Martin Reuter (nature conservation officer, City of Rheinstetten),

Regular date: Fridays, 09:45 Am - 1:00 PM

First date: Friday 19.04.2024 09:45 Am in the drawing room, 204 building 20.40

Special date with Hanne König on May 2, 2024 10:00 a.m.

Submission/examination:

Number of participants: 8 (+3 Erasmus)

V

Fine Arts: Fresh air drawing Foot walk diaries

1710367, SS 2024, 4 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

With the observation of our every day world begins a process of reflection and visualization. Through a row of sketches and drawings combined with short written descriptions we begin an intensive exploration of the city of Karlsruhe. In the time period of one semester, the exercise involves filling up some DIN A4 sketch pads. Personal impressions of city life are to be documented. In a similar manner to that of a picture book diary, a narrative begins to occur.

Every participant will be given a small perspex glass plate, DIN A4, which he/she can keep with them for the duration of the course. This plate will serve as a very simple additional drawing support mechanism.

Appointment: Monday 9:45 AM - 1:00 PM

First meeting: 15.04.2024

Submission/ Exam:

Number of participants: 12 + 3 Erasmus

V

Fine Arts: How you look at it

1710369, SS 2024, 4 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

Photography is a technical medium. Photographic practice requires a comprehensive knowledge of the equipment and tools to be used, a deep understanding of the underlying processes and their critical reflection.

The focus of the seminar is the development of an independent photographic work on a given topic. The theoretical input includes an analysis of photographic images and a guide to understanding the impact of photography. The seminar begins with an examination of a photographic position. The next step is to visit an exhibition to explore the use of different media in the display of images and the presentation of photography. After a short exercise, the process of developing a personal interpretation of the seminar topic begins, starting with brainstorming, continuous corrections and the final presentation of the photographic work in a possible exhibition context.

Regular date: Mondays, 14:00h - 17:00h

1st date: Monday, 15.04.2024 and 15.07.2024 09:45

Final presentation: Monday, 05.08.2024, 09:45

Room: 015

Participants 6

V

Fine Arts: Nail Art

1710370, SS 2024, 4 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

You can find them everywhere -- nail studios. We want to approach this phenomenon from a historical, sociological, architectural and artistic perspective. What exactly is NAIL ART, is it a trend, an art form or a craft? What are the working conditions and production spaces like and what prejudices are the actors in this scene confronted with? Can nails be political?

The collective seminar format invites you to explore different aspects of NAIL ART using the artistic-research method of mapping and to deepen your knowledge with the help of expert interviews. Based on the research, we will develop a NAIL ART Collection, which will be presented as a performance.

Regular date: Monday 14:00-17:15, from 15.04.2024, Room 204 / Drawing room

The seminar will be held in collaboration with NAIL ART expert Stella Gutwein.

Submission/examination: 12.08.2024

Number of participants: 12+2 Erasmus

V

Fine Arts: Open embassy for Democracy

1710373, SS 2024, 4 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

Under the motto "doing democracy", the Montag Foundation is initiating a pilot project on the site of the former American Embassy Club on the banks of the Rhine in Bonn, which was built in 1951 in the style of the "Prairie Houses" of the US Midwest and is now a listed building. In the coming years, the OPEN EMBASSY FOR DEMOCRACY is to be created here as a prototype of civic engagement and as a living place for the vitalization of democracy. We will use artistic research methods to approach the building, its history and the socio-political issues of the project. On this basis, both independent artistic works and concepts for a temporary exhibition will be developed.

Regular date: Fri, 9:45-13:00

1st date: 19.04.2024, Room 221 / Seminar room BPL

Submission/examination: 16.08.2024

Number of participants: 12+2 Erasmus

**Fine Arts: Colours of the Day**

1710367, WS 24/25, 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, 21.10.2024, 9:45 Uhr, 20.40 R204 FG BK

Submission / Exam:

Number of participants: 12+3 Erasmus

**Fine Arts: DEMOCRACY and ART for all**

1710369, WS 24/25, 4 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

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

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

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

Room 204 / Drawing Room

Compulsory excursion to Bonn: 27.-28.10.2024

Submission/Exam: 24.02.2025

Number of Participants: 10 MA (kein Erasmus)

Language: german

**Fine Arts: round table: Building botanical experiments**

1710371, WS 24/25, 4 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

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

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

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

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

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

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

Number of participants: 5 Master + 2 Erasmus

Submission / examination: 07.02.2025


T

4.75 Course: Special Topics of History of Architecture [T-ARCH-111796]

Organisation: KIT Department of Architecture**Part of:** M-ARCH-105863 - Special Topics of History of Architecture

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

Events					
ST 2024	1741385	History of Architecture/Urban Planning: Living Concepts and their Exhibition	2 SWS	Block / 🎧	Medina Warmburg, Rind
ST 2024	1741388	Special Topics of History of Architecture: Monument Preservation _ Challenge and Perspective	2 SWS	Seminar / 🎧	Medina Warmburg, Hücklekemkes
ST 2024	1741390	Historical Building Research _ Complex Systems	2 SWS	Seminar / 🎧	Medina Warmburg, Busse
ST 2024	1741391	History of Architecture/Urban Planning: ENVIRONMENTAL BIOGRAPHIES.Studies on the Infrastructural Landscapes in Karlsruhe.	4 SWS	Seminar / 🎧	Medina Warmburg, Garrido
ST 2024	1741392	Special Topiocs of History of Architecture: Preservation of Historical Monuments - Theory and Practice	2 SWS	Block / 🎧	Hanschke
WT 24/25	1741382	Research Seminar: History of Architecture/Urban Planning: Nature in Stone: Plant Species in Gothic Architecture	2 SWS	Seminar / 🎧	Brehm
WT 24/25	1741383	History of Architecture/Urban Planning: KIT200: Exhibition Design	2 SWS	Seminar / 🎧	Garrido
WT 24/25	1741384	History of Architecture/Urban Planning: Environmental Biographies. KIT200: Decoding Majolika Karlsruhe and its Environmental Networks	2 SWS	Seminar / 🎧	Garrido
WT 24/25	1741386	History of Architecture/Urban Planning: Creepy Houses. Architecture and the City in the Movies (Part I)	2 SWS	Seminar / 🎧	Medina Warmburg
WT 24/25	1741387	History of Architecture/Urban Planning: KIT200: Time as Material. About the Culture and Architecture of Cemeteries	2 SWS	Seminar / 🎧	Medina Warmburg
WT 24/25	1741390	History of Architecture/Urban Planning: KIT 200: Municipal and Private Bath	2 SWS	Seminar / 🎧	Rind
WT 24/25	1741392	Special Topics of History of Architecture/Urban Planning: Future needs Provenance – About Dealing with Monuments	2 SWS	Seminar / 🎧	Kurz
WT 24/25	1741393	Special Topics of History of Architecture/Urban Planning: Preservation of Historical Monuments - Theory and Practice	2 SWS	Block / 🎧	Hanschke

WT 24/25	1741394	History of Architecture/Urban Planning: Strasbourg/Strasbourg - Cultural Exchange between France and Germany. Aspects of Architectural and Urban Planning between 1830 and 1940	2 SWS	Seminar / 	Gawlik
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Legend:  Online,  Blended (On-Site/Online),  On-Site,  Cancelled

Competence Certificate

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

Prerequisites

none

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

V

History of Architecture/Urban Planning: Living Concepts and their Exhibition

1741385, SS 2024, 2 SWS, Language: German, [Open in study portal](#)

Block (B)
On-Site

Content

Living is a basic existential need and everyday social practice, a scarce commodity and a housing policy challenge, but also the starting point and vision of architectural designs and construction projects.

Based on texts and exhibitions about living in the past 100 years, we ask ourselves the question of the respective concepts behind these living worlds, the design of our coexistence and the communication via text and/or exhibition. What part does the architecture play, what part does the interior play?

First part of the block seminar: reading and discussing (most texts are in German). Second part: Participation in Werkbund Foyer #2 Parasite Kitchen on the Skulpturenplatz of the Kunsthalle Mannheim with a pop-up exhibition and discussions.

1. Meeting: Fri, 19. 4., 9:45 -11:15 am, Seminar room History of Building and Architecture, Bldg. 20.40, R 015

Block I: Fri/Sat 3. /4. 5., 10-5 pm, Seminar room History of Building and Architecture, Bldg. 20.40, R 015

Block II: Fri/Sat 28. /29. 6. 10-5 pm, Sculpture Square, Kunsthalle Mannheim

Submission: Participation in both blocks obligatory, elaboration of a thematic focus for the pop-up exhibition, participation in the discussions.

Number of Participants: 5

Focus of study: Architectural and Cultural Heritage

V

Special Topics of History of Architecture: Monument Preservation _ Challenge and Perspective

1741388, SS 2024, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

Dealing with cultural monuments makes us realise that our built environment is not there as a matter of course. Rather, it is the product of a complex line of tradition that we must continue responsibly into the future. Specialised knowledge, skills and methods are required to preserve the surviving high-quality protected objects, some of which differ significantly from the procedures and planning objectives for new construction projects.

The seminar provides basic knowledge about the fundamentals of modern heritage conservation. Questions are dealt with in working groups and discussed during the seminar using practical examples. The knowledge gained will be deepened during an excursion to the UNESCO World Heritage Site of Baden-Baden.

Form of event: Attendance with mandatory excursion

Submission/Exam: Presentation of a topic in working groups

Number of Participants: 7

Focus of study: Architectural and Cultural Heritage

V

Historical Building Research _ Complex Systems

1741390, SS 2024, 2 SWS, Language: German, [Open in study portal](#)

Seminar (S)
On-Site

Content

The ability to consciously shape the transformation in the area of contradiction 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 seminar, a self-selected object is analysed in archival documents, as-built plans, measurements and the history of alterations.

The structure and elements are to be graphically analysed, described and interpreted, e.g. by analysing the construction history, analysing the typology, analysing the structural system, analysing the spatial structures, analysing the materials, analysing and comparing the formal elements or analysing the structure.

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

Submission: 30.09.2024

Number of Participants: 12 Ma, 5 KG

Focus of study: Architectural and Cultural Heritage

V

History of Architecture/Urban Planning: ENVIRONMENTAL BIOGRAPHIES.Studies on the Infrastructural Landscapes in Karlsruhe.

1741391, SS 2024, 4 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

T

The water infrastructure has been a critical component of Karlsruhe since its foundation. It has not only defined the relationship of the city with its near- and distant environment but also its character and its urban spaces thanks to a rich network of fountains and springs.

The objective of the seminar is to explore various architectural research and representation tools, including archival material, diagrams and 3d models and through them, aiming to uncover, analyze and communicate the intricate layers of overlapping infrastructural networks of Karlsruhe, crafting an "urban biography" portraying the city's evolution.

Tue, 11.30-1 pm, Seminar room History of Building and Architecture; Bldg. 20.40, R 015

Excursion: after arrangement

Submission/Exam: presentation and paper due 31.06.2024

Number of Participants: 5

Focus of study: Architectural and Cultural Heritage

V

Special Topics of History of Architecture: Preservation of Historical Monuments - Theory and Practice

1741392, SS 2024, 2 SWS, Language: German, [Open in study portal](#)

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

Content

The preservation and maintenance of historical monuments or monument ensembles is a task that is performed by specialized architectural firms, restorers and monument protection authorities. The seminar gives an insight into selected topics and questions. The focus is on the history and theory of monument preservation, the history of central European town houses, inventory, practical examples of monument preservation and old building

The seminar is offered as an compact course, dates by arrangement.

1. Meeting: Wed 17.04.2024 5:30 pm, online

Submission/Exam: presentation and paper due 30.09.2024

Number of Participants:5

Focus of study: Architectural and Cultural Heritage

V

Research Seminar: History of Architecture/Urban Planning: Nature in Stone: Plant Species in Gothic Architecture

1741382, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

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

Content

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

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

Number of Participants: 5

Focus of study: Architectural and Cultural Heritage

V

History of Architecture/Urban Planning: KIT200: Exhibition Design

1741383, WS 24/25, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

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

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

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

Submission/Exam: presentation and essay due 31.03.2025

Number of Participants: 5

Focus of study: Architectural and Cultural Heritage

V

History of Architecture/Urban Planning: Environmental Biographies. KIT200: Decoding Majolika Karlsruhe and its Environmental Networks

1741384, WS 24/25, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

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

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

Submission/Exam: presentation and essay due 31.03.2024

Number of Participants: 7

Focus of study: Architectural and Cultural Heritage

V

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

Seminar (S)
On-Site

1741386, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

Content

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

1. Meeting: 31.10.2024

Dates: 6 doubles sessions in November and December

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

Focus of Study: Architectural and Cultural Heritage

V

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

Seminar (S)
On-Site

1741387, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

Content

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

1. Meeting: 29.10.2024

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

Focus of study: Architectural and Cultural Heritage

V

History of Architecture/Urban Planning: KIT 200: Municipal and Private Bath

Seminar (S)
On-Site

1741390, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

Content

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

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

Submission: poster or paper

Number of Participants: 6

Focus of study: Architectural and Cultural Heritage

V

Special Topics of History of Architecture/Urban Planning: Future needs Provenance – About Dealing with Monuments Seminar (S)
On-Site

1741392, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

Content

The seminar is about the skills and the desire to bring monuments and other valuable buildings appropriately into the future. To this end, we look at the planning and constructional handling of various monuments and deal with topics such as: cultural significance, inventory investigations, as well as the choice of methods and measures. On the basis of concrete projects, we drill into the depths of theory at the crucial points and sound out exemplary aspects of the discursive character of the discipline of "monument preservation". The focus is on monuments of the 20th century.

1. Meeting: 28.10.2024

Submission/Exam: Development of various contributions / presentations as well as guiding questions for the discussion in the seminar. A written summary is to be handed in together with the contribution / presentation due 31.03.2025

Number of Participants: 8

Focus of study: Architectural and Cultural Heritage

V

Special Topics of History of Architecture/Urban Planning: Preservation of Historical Monuments - Theory and Practice Block (B)
Blended (On-Site/Online)

1741393, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

Content

The preservation and maintenance of historical monuments or monument ensembles is a task that is performed by specialized architectural firms, restorers and monument protection authorities. The seminar gives an insight into selected topics and questions. The focus is on the history and theory of monument preservation, the history of central European town houses, inventory, practical examples of monument preservation and old building renovation as well as legal considerations.

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

Dates will be set by arrangement.

First Meeting online: Thu 24.10.2024, 6 p.m.

Submission/Exam: presentation and paper due 31.03.2025

Number of Participants: 6

Focus of study: Architectural and Cultural Heritage

V

History of Architecture/Urban Planning: Strasbourg/Strasbourg - Cultural Exchange between France and Germany. Aspects of Architectural and Urban Planning between 1830 and 1940 Seminar (S)
Blended (On-Site/Online)

1741394, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

Content

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

Block seminar in Karlsruhe on 21./22.03.2025

Excursion to Strasbourg on 23.03.2025

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

Please make your own travel arrangements to Strasbourg.

Number of Participants: 3

Submission/Exam: presentation/essay 31.03.25

Focus of study: Architectural and Cultural Heritage

T

4.76 Course: Special Topics of Planning and Constructing [T-ARCH-107396]

Responsible: Prof. Ludwig Wappner
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103653 - Special Topics of Planning and Constructing](#)

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

Events					
ST 2024	1720506	Planning and Constructing: Extended Re-Use - Gewerbe	2 SWS	Seminar / 🗣️	Wappner, Häberle, Calavetta
ST 2024	1720657	Planning and Constructing: : Together for the Building Turnaround (Klinge)	4 SWS	Lecture / 🗣️	Klinge, Michalski, Weber
WT 24/25	1720506	Planning and Constructing: Mobility in rural areas - Mobility hubs - a new culture of transferring	4 SWS	Seminar / 🗣️	Wappner, Schneemann, Huismans

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

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

V

Planning and Constructing: Extended Re-Use - Gewerbe

1720506, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Commercial areas are the land-intensive counterpart to the many agglomerations of single-family homes that have spread around the actual core cities in Europe over the last six decades. The mostly heterogeneous use pattern, low urban and architectural qualities as well as low spatial density and height still characterize their appearance today.

Due to the increasing proportion of commercial areas, which are now predominantly characterized by offices and services as well as rather low-emission businesses, and the associated desire for a lively, urban working environment, the still strong functional separation of work, living and leisure should be critically questioned. The aim is to analyze the potential of mixed-use commercial areas and to substantiate this with architectural strategies and concepts based on specific case studies in Karlsruhe.

Regular date: Thursday morning Room 20.40 R240

1st meeting: DD.MM.YYYY at XX:YY

Intermediate critique: DD.MM.YYYY

Delivery/presentation: DD.MM.YYYY

Participants: 15 MA

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

Form of course: Presence

Language: German/English

V

Planning and Constructing: : Together for the Building Turnaround (Klinge)

1720657, SS 2024, 4 SWS, Language: German/English, [Open in study portal](#)

**Lecture (V)
Blended (On-Site/Online)**

Content

Whenever construction takes place, emissions are released and resources are required. Ignoring this fact contributes to the fact that the construction industry's activities are largely responsible for the climate and resource crisis. For a responsible and sustainable approach to planetary boundaries, a holistic turnaround in construction is essential. Against this backdrop, bringing together different disciplines and skills in the planning process is becoming increasingly relevant in order to be able to map the complexity of the necessary transformation processes.

In the coming semester, existing knowledge will be pooled in cooperation with 13 colleges and universities and communicated in a series of talks based on the Architects4Future '10 demands for a building turnaround'. Each event will be dedicated to one demand, which will be examined and discussed together with representatives of A4F and the respective universities.

Dates

11 regular dates from Wednesday, 17.04., 16-17:30

Hybrid event

17.04.24 Together for the building revolution. How to Architects the Future.

24.04.24 Rethinking needs

08.05.24 Critically question demolition

15.05.24 Design sustainable quality

22.05.24 Accelerate the energy transition (excursion week)

29.05.24 Constructs in a circular and climate-positive way

05.06.24 Promotes a healthy built environment

12.06.24 Strengthens climate resilience

19.06.24 Preserves and creates space for biodiversity

26.06.24 Take social responsibility

03.07.24 Plant integrally

Participating colleges and universities:

University of Wuppertal

BTU Cottbus-Senftenberg

FH Münster - Münster School of Architecture

Bremen University of Applied Sciences

Karlsruhe Institute of Technology

Leibniz University Hanover

Muthesius University of Fine Arts and Design Kiel

RWTH Aachen University

Berlin University of Technology

Braunschweig University of Technology

Munich University of Technology

University of Kassel

Organizational issues

11 Regeltermine ab Mittwoch, 17.04., 16-17:30 Uhr

Hybrid-Veranstaltung

V

Planning and Constructing: Mobility in rural areas - Mobility hubs - a new culture of transferring

1720506, WS 24/25, 4 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
On-Site

Content

The seminar "Mobility in rural areas" deals with the current challenges and opportunities in mobility. In view of demographic changes and the advent of digitalization in the world of work, rural areas are facing major challenges. New potentials of the transport transition in the form of typologies such as "mobility hubs" are highlighted. These can strengthen the identity of localities and ensure various transport options, services and local supply. In collaboration with the Institute of Geography and Geoecology, we will develop basic principles of mobility that will be transferred to local conditions and translated into a built typology. The designs will be elaborated in the impromptu seminar. The design results will be presented at the selected locations.

Regular date: Thursday morning

1st meeting: 22 or 23.10.2024

Intermediate critique: to be announced

Participants: 15 MA

Submission/presentation: 06.03.2025

Form of processing: Individual work / 2-part group work

Form of course: Presence

Language: German/English

Supervision: Prof. Ludwig Wappner, Falk Schneemann, Mathis Huismans

T

4.77 Course: Special Topics of Structural Design [T-ARCH-107401]

Responsible: Prof. Dr.-Ing. Riccardo La Magna
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103658 - Special Topics of Structural Design](#)

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

Events					
ST 2024	1720752	Special Topics of Structural Design: Form and Structure	2 SWS	Seminar / 🗎	La Magna, Andersson Lagueche, Ehrhardt
ST 2024	1720764	Special Topics of Structural Design: WEarth it! Horizontally Tensioned Earth	2 SWS	Seminar / 🗎	La Magna, Haußer

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

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

V

Special Topics of Structural Design: Form and Structure

1720752, SS 2024, 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.

1st meeting: 15.04.2024; 2:00 p.m.

Rule date: Monday, 2:00 p.m. – 3:30 p.m.

Location: B. 20.40 R. 240

Delivery/Examination: to be announced

Number of participants: 20

V

Special Topics of Structural Design: WEarth it! Horizontally Tensioned Earth

1720764, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The seminar "WEarth it! Horizontally tensioned earth" aims to delve into the foundational aspects of the construction material earth, exploring its limitations and advancing the development of horizontally engaging structural elements through its combination with wood. The focus will be on developing and producing prototypes, as well as conceptualizing and designing a comprehensive ceiling system, with a particular emphasis on detail development.

1st meeting: 16.04.2024; 14:00 a.m.

Rule date: Tuesday 2:00 p.m. – 3:30 p.m.

Location: B. 20.40 R. 221

Delivery/Examination: after announcement!




Number of participants: 16

T 4.78 Course: Special Topics of Sustainability [T-ARCH-107435]

Responsible: Prof.Dipl.-Ing. Dirk Hebel
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103687 - Special Topics of Sustainability](#)

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

Events					
ST 2024	1720606	Research Seminar / Sustainability: Future-oriented Building Materials - A Research Seminar of the KIT Material Library	4 SWS	Seminar / 	Hebel, Böhm, Boerman

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

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

V Research Seminar / Sustainability: Future-oriented Building Materials - A Research Seminar of the KIT Material Library **Seminar (S) On-Site**
 1720606, SS 2024, 4 SWS, Language: German, [Open in study portal](#)

Content

The KIT Materials Library of the Faculty of Architecture offers an extensive collection of materials that, in addition to conventional building materials, focuses on building materials made from secondary raw materials, alternative biotic raw materials and recyclable building materials.

Addressing such material focal points of sustainable construction makes future generations of architects understand the value of varietal purity, the necessity of using secondary materials and the preservation of value when reused or recycled.

In the research seminar **Future-oriented Building Materials**, Master's students gain a detailed insight into this class of innovative, endlessly recyclable building materials. The independent scientific research work of the students is at the heart of the seminar work. The students are involved in the selection of the materials to be described and are explicitly called upon to adopt a critical stance. The final aim of the seminar is to present innovative, sustainable materials for the construction industry using detailed data sheets and prepared physical material samples as part of an exhibition in the materials library. Students are thus actively involved in the further development of the materials database and the collection of the materials library. The seminar is accompanied by individual supervision, work in the study workshops and joint discussion rounds in the materials library.

Organizational issues

Erstes Treffen: 16.04.24
 Regeltermin: Dienstags 11.30 bis 13.00 Uhr
 Abgabe/Prüfung: 16.07.24
 Teilnehmerzahl: 12 Studierende (Master)
 Studienschwerpunkt: Bautechnik

T

4.79 Course: Special Topics of Theory of Architecture 1 [T-ARCH-107392]

Responsible: 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 scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each term	1

Events					
ST 2024	1710407	Architectural Theory: Bathing Spaces	2 SWS	Seminar / 🗣️	Wilkinson
ST 2024	1710411	Theory of Architecture: Architecture of Decision-Making	2 SWS	Seminar / 🗣️	Knoop
ST 2024	1710413	Architectural Theory: Architecture's Scales: Objects	2 SWS	Seminar / 🌀	Meister
ST 2024	1710414	Architectural Theory/Research Seminar: Critical Theory and Architecture	2 SWS	Seminar / 🗣️	Wilkinson
WT 24/25	1710407	Architectural Theory: Rhein: Industrie/Kultur/Landschaft	2 SWS	Seminar / 🌀	Fankhänel, Wilkinson
WT 24/25	1710409	Theory of Architecture: Living Archive!	4 SWS	Seminar / 🌀	Gurgenidze
WT 24/25	1710410	Architectural Theory: Exhibit A(rchitecture). Exhibitions that have shaped architecture	4 SWS	Seminar / 🌀	Fankhänel
WT 24/25	1710411	Architectural Theory/Research Seminar: Reading Beyond the Buildings	2 SWS	Seminar / 🌀	Fankhänel, Knoop
WT 24/25	1710413	Architectural Theory: Can machines be intelligent? Theories of born-digital design in architecture	2 SWS	Seminar / 🌀	Fankhänel
WT 24/25	1710414	Architectural Theory/Research Seminar: Criticising Architecture	2 SWS	Seminar / 🌀	Fankhänel, Wilkinson

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

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

V

Architectural Theory: Bathing Spaces

1710407, SS 2024, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Humans have always built bathing facilities, whether for religion, pleasure, hygiene, or sport. In this seminar we will consider examples from many times and places, from pre-Columbian America to modern Tokyo, gay saunas to Olympic pools. We will also read a variety of texts, including theological, phenomenological, and Foucauldian theories of the body in space. Bathing spaces can be democratic (hence the Russian saying, 'there are no epaulettes in the banya'), but they can also exclude groups like women, the disabled, and the racialised. The unusual nudity of the pool brings social tensions to the surface, while offering a vision – which may be a mirage – of a radically equal space.

Focus of study: Architectural and Cultural Heritage

The seminars and lectures will take place 6 times Tuesday 14:00-15:30pm and 6 times Wednesday 9:45-11:15am.
 16.04, 17.04, 30.04, 1.05, 14.05, 15.05, 4.06, 5.06, 18.06, 19.06, 2.07, 3.07.

Tue 09.07 17-20pm: Final event at the Architekturschaufenster: AT goes A SF

Number of Participants: 8

**Theory of Architecture: Architecture of Decision-Making**1710411, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)**Seminar (S)
On-Site****Content**

Façades, portals, and assembly halls are architectural symbols of political decision-making and power. But utility rooms, furniture, and room layouts are often overlooked. Yet it is precisely in long corridors, at round tables or in front of fixed television cameras that politically significant decisions are discussed, agreed, and announced. How do these spaces and objects correlate with political systems? What power can emanate from them? These and other questions will be discussed with the help of architectural theory texts on power and architecture, the analysis of case studies and a Stegreif-Design. The course is designed as a reading and research seminar. The Stegreif (MA-Arch) is mandatory.

Focus of study: Architectural and Cultural Heritage

Mondays 14:00-17:15h, 6 meetings per semester + introduction + final event

22.04. 14:00-15:30h Introduction

29.04. 1st meeting

06.05. 2nd meeting

13.05. 3rd meeting

17.06. 4th meeting

24.06. 5th meeting

01.07. 6th meeting

Tue 09.07. 17-20h Final event at the Architekturschaufenster: AT goes A SF

Number of Participants: 8

**Architectural Theory: Architecture's Scales: Objects**1710413, SS 2024, 2 SWS, Language: English, [Open in study portal](#)**Seminar (S)
Blended (On-Site/Online)****Content**

The scales of architecture are not limited to buildings, nor is the impact of architecture. Rather, built environments are configured by architectural objects of different scales: from molecular particles to buildings, cities or even abstract ideas, by the human bodies that build and sustain them. In this seminar we will ask what makes architecture an object. To this end, we will examine six case studies of different scales - from the development of standardized objects to the question of the objectification of architecture as a "gift". The seminar will be taught in collaboration with Prof. Dr. Alla Vronskaya, University of Kassel, and the Kunsthistorisches Institut in Florenz - Max Planck Institute. Meeting together biweekly (connecting online to the other group), we will discuss a text by a leading contemporary scholar, followed by an evening lecture and discussion session with the author.

Focus of study: Architectural and Cultural Heritage

The seminars and lectures will take place 6 times Wednesday 10-11:30 and 6 times Thursdays, partially online. Exact dates will be communicated soon.

Tue 09.07. 17-20h Final event at the Architekturschaufenster: AT goes A SF

**Architectural Theory/Research Seminar: Critical Theory and Architecture**1710414, SS 2024, 2 SWS, Language: English, [Open in study portal](#)**Seminar (S)
On-Site****Content**

Critical theory is a tradition of thought that began 100 years ago in Germany: it is the argument of this lecture series that it is still useful for thinking about architecture today. Beginning with Siegfried Kracauer, a trained architect and frequent writer on the subject, and Walter Benjamin, who obsessively worked on the Parisian arcades, we will move on to their postwar descendants such as Jürgen Habermas, Manfredo Tafuri, and Angela Davis, exploring these thinkers' critique, their disputes, and their limitations.

Focus of study: Architectural and Cultural Heritage

4x lectures Mondays 17:30-19:00pm: 29.04, 13.05, 3.06, 17.06.

Number of Participants: 20

Literature

Teaching will be in English, some of the readings will also be available in German

**Architectural Theory: Rhein: Industrie/Kultur/Landschaft**1710407, WS 24/25, 2 SWS, Language: English, [Open in study portal](#)**Seminar (S)
Blended (On-Site/Online)**

Content

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

Focus of study: Architectural and Cultural Heritage

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

Seminar 1 & 2 (25.10); Seminar 3 & 4 (1.11) (online)

Seminar 5 & 6 Basel (22.11); Seminar 7 & 8 (6.12)

Seminar 9 & 10 Mannheim (20.12); Seminar 11 & 12 (17.01)Thu., 30.01.24,5:00-8:00pm, Final event at the Architekturschaufenster: AT goes A SF

Number of Participants: 8

**Theory of Architecture: Living Archive!**

1710409, WS 24/25, 4 SWS, Language: German/English, [Open in study portal](#)

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

Content

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

The planned course aims to meticulously research the "living archive" and analyze and document them.

Focus of study: Architectural and Cultural Heritage

3 x Fridays 2:00-5:15 pm / 3 x Fridays 2:00-5:15 pm (online)

Seminar 1 & 2 (25.10); Seminar 3 & 4 (8.11)

Seminar 5 & 6 (22.11) online; Seminar 7 & 8 (13.12)

Seminar 9 & 10 (20.12) online; Seminar 11 & 12(11.01) online

Thu., 30.01.24, 17:00-20:00h, Final event at the Architekturschaufenster: AT goes A SF

**Architectural Theory: Exhibit A(rchitecture). Exhibitions that have shaped architecture**

1710410, WS 24/25, 4 SWS, Language: English, [Open in study portal](#)

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

Content

Theory doesn't always come in the form of written manifestoes or books. Often ideas are transmitted through other media such as buildings, photos or exhibitions. Deciphering their critical influence on architectural culture is a key skill in any architect's tool kit.

Architecture exhibitions have a profound influence on the way we negotiate the built environment. While some have been credited with initiating whole movements (International Style, MoMA, 1932 or Venice Biennale, 1980) others have secured a lasting legacy for individual architects by inscribing them into the canon of great architecture.

This seminar unpacks a select number of exhibitions that have shaped architecture's relationship to styles and fashions, technological advances, the relationship of humans to nature, nationality, culture and globalization, the individual's place in society, and our relationship to history.

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

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

Number of Participants: 8

**Architectural Theory/Research Seminar: Reading Beyond the Buildings**

1710411, WS 24/25, 2 SWS, Language: German/English, [Open in study portal](#)

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

Content

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

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

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

Intro: Monday 21.10.24

Workshop 1: Monday 4.11.24

Workshop 2: Monday 9.12.24

Workshop 3: Monday 27.01.25

Final Event: 30.01.25, at the Architekturschaufenster: AT goes A SF

Number of Participants: 8

V

Architectural Theory: Can machines be intelligent? Theories of born-digital design in architecture

1710413, WS 24/25, 2 SWS, Language: English, [Open in study portal](#)

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

Content

Where is architectural design headed in a rapidly changing age of proprietary software empires, artificial intelligence, and virtuality? This seminar pulls back the curtain on the origins of today's born-digital design philosophies and their influence on architectural thinking: from participatory design and intelligent computational design assistants to an expanded field of generative geometries to the emergence of web-based interactive platforms. Key texts and select case studies from the 60s until today examine the influence that software, computers and the internet have on the design of architecture, and architectural thinking in society at large.

Introduction: Fri., 25.10.2024, 09:45am - 11:15am

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

V

Architectural Theory/Research Seminar: Criticising Architecture

1710414, WS 24/25, 2 SWS, Language: English, [Open in study portal](#)

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

Content

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

Focus of study: Architectural and Cultural Heritage

4 x 90 min seminars Fridays 2:00-3:30pm

1: 25.10.24

2: 01.11.24 (online)

3: 06.12.24

4: 17.01.25

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

Number of Participants: 20

T

4.80 Course: Special Topics of Theory of Architecture 2 [T-ARCH-107393]

Responsible: 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 scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each term	1

Events					
ST 2024	1710407	Architectural Theory: Bathing Spaces	2 SWS	Seminar /	Wilkinson
ST 2024	1710411	Theory of Architecture: Architecture of Decision-Making	2 SWS	Seminar /	Knoop
ST 2024	1710413	Architectural Theory: Architecture's Scales: Objects	2 SWS	Seminar /	Meister
ST 2024	1710414	Architectural Theory/Research Seminar: Critical Theory and Architecture	2 SWS	Seminar /	Wilkinson
WT 24/25	1710407	Architectural Theory: Rhein: Industrie/Kultur/Landschaft	2 SWS	Seminar /	Fankhänel, Wilkinson
WT 24/25	1710409	Theory of Architecture: Living Archive!	4 SWS	Seminar /	Gurgenidze
WT 24/25	1710410	Architectural Theory: Exhibit A(rchitecture). Exhibitions that have shaped architecture	4 SWS	Seminar /	Fankhänel
WT 24/25	1710411	Architectural Theory/Research Seminar: Reading Beyond the Buildings	2 SWS	Seminar /	Fankhänel, Knoop
WT 24/25	1710413	Architectural Theory: Can machines be intelligent? Theories of born-digital design in architecture	2 SWS	Seminar /	Fankhänel
WT 24/25	1710414	Architectural Theory/Research Seminar: Criticising Architecture	2 SWS	Seminar /	Fankhänel, Wilkinson

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

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

V

Architectural Theory: Bathing Spaces

1710407, SS 2024, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Humans have always built bathing facilities, whether for religion, pleasure, hygiene, or sport. In this seminar we will consider examples from many times and places, from pre-Columbian America to modern Tokyo, gay saunas to Olympic pools. We will also read a variety of texts, including theological, phenomenological, and Foucauldian theories of the body in space. Bathing spaces can be democratic (hence the Russian saying, 'there are no epaulettes in the banya'), but they can also exclude groups like women, the disabled, and the racialised. The unusual nudity of the pool brings social tensions to the surface, while offering a vision – which may be a mirage – of a radically equal space.

Focus of study: Architectural and Cultural Heritage

The seminars and lectures will take place 6 times Tuesday 14:00-15:30pm and 6 times Wednesday 9:45-11:15am.
 16.04, 17.04, 30.04, 1.05, 14.05, 15.05, 4.06, 5.06, 18.06, 19.06, 2.07, 3.07.

Tue 09.07 17-20pm: Final event at the Architekturschaufenster: AT goes A SF

Number of Participants: 8

**Theory of Architecture: Architecture of Decision-Making**1710411, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)**Seminar (S)
On-Site****Content**

Façades, portals, and assembly halls are architectural symbols of political decision-making and power. But utility rooms, furniture, and room layouts are often overlooked. Yet it is precisely in long corridors, at round tables or in front of fixed television cameras that politically significant decisions are discussed, agreed, and announced. How do these spaces and objects correlate with political systems? What power can emanate from them? These and other questions will be discussed with the help of architectural theory texts on power and architecture, the analysis of case studies and a Stegreif-Design. The course is designed as a reading and research seminar. The Stegreif (MA-Arch) is mandatory.

Focus of study: Architectural and Cultural Heritage

Mondays 14:00-17:15h, 6 meetings per semester + introduction + final event

22.04. 14:00-15:30h Introduction

29.04. 1st meeting

06.05. 2nd meeting

13.05. 3rd meeting

17.06. 4th meeting

24.06. 5th meeting

01.07. 6th meeting

Tue 09.07. 17-20h Final event at the Architekturschaufenster: AT goes A SF

Number of Participants: 8

**Architectural Theory: Architecture's Scales: Objects**1710413, SS 2024, 2 SWS, Language: English, [Open in study portal](#)**Seminar (S)
Blended (On-Site/Online)****Content**

The scales of architecture are not limited to buildings, nor is the impact of architecture. Rather, built environments are configured by architectural objects of different scales: from molecular particles to buildings, cities or even abstract ideas, by the human bodies that build and sustain them. In this seminar we will ask what makes architecture an object. To this end, we will examine six case studies of different scales - from the development of standardized objects to the question of the objectification of architecture as a "gift". The seminar will be taught in collaboration with Prof. Dr. Alla Vronskaya, University of Kassel, and the Kunsthistorisches Institut in Florenz - Max Planck Institute. Meeting together biweekly (connecting online to the other group), we will discuss a text by a leading contemporary scholar, followed by an evening lecture and discussion session with the author.

Focus of study: Architectural and Cultural Heritage

The seminars and lectures will take place 6 times Wednesday 10-11:30 and 6 times Thursdays, partially online. Exact dates will be communicated soon.

Tue 09.07. 17-20h Final event at the Architekturschaufenster: AT goes A SF

**Architectural Theory/Research Seminar: Critical Theory and Architecture**1710414, SS 2024, 2 SWS, Language: English, [Open in study portal](#)**Seminar (S)
On-Site****Content**

Critical theory is a tradition of thought that began 100 years ago in Germany: it is the argument of this lecture series that it is still useful for thinking about architecture today. Beginning with Siegfried Kracauer, a trained architect and frequent writer on the subject, and Walter Benjamin, who obsessively worked on the Parisian arcades, we will move on to their postwar descendants such as Jürgen Habermas, Manfredo Tafuri, and Angela Davis, exploring these thinkers' critique, their disputes, and their limitations.

Focus of study: Architectural and Cultural Heritage

4x lectures Mondays 17:30-19:00pm: 29.04, 13.05, 3.06, 17.06.

Number of Participants: 20

Literature

Teaching will be in English, some of the readings will also be available in German

**Architectural Theory: Rhein: Industrie/Kultur/Landschaft**1710407, WS 24/25, 2 SWS, Language: English, [Open in study portal](#)**Seminar (S)
Blended (On-Site/Online)**

Content

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

Focus of study: Architectural and Cultural Heritage

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

Seminar 1 & 2 (25.10); Seminar 3 & 4 (1.11) (online)

Seminar 5 & 6 Basel (22.11); Seminar 7 & 8 (6.12)

Seminar 9 & 10 Mannheim (20.12); Seminar 11 & 12 (17.01)Thu., 30.01.24,5:00-8:00pm, Final event at the Architekturschaufenster: AT goes A SF

Number of Participants: 8

**Theory of Architecture: Living Archive!**

1710409, WS 24/25, 4 SWS, Language: German/English, [Open in study portal](#)

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

Content

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

The planned course aims to meticulously research the "living archive" and analyze and document them.

Focus of study: Architectural and Cultural Heritage

3 x Fridays 2:00-5:15 pm / 3 x Fridays 2:00-5:15 pm (online)

Seminar 1 & 2 (25.10); Seminar 3 & 4 (8.11)

Seminar 5 & 6 (22.11) online; Seminar 7 & 8 (13.12)

Seminar 9 & 10 (20.12) online; Seminar 11 & 12(11.01) online

Thu., 30.01.24, 17:00-20:00h, Final event at the Architekturschaufenster: AT goes A SF

**Architectural Theory: Exhibit A(rchitecture). Exhibitions that have shaped architecture**

1710410, WS 24/25, 4 SWS, Language: English, [Open in study portal](#)

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

Content

Theory doesn't always come in the form of written manifestoes or books. Often ideas are transmitted through other media such as buildings, photos or exhibitions. Deciphering their critical influence on architectural culture is a key skill in any architect's tool kit.

Architecture exhibitions have a profound influence on the way we negotiate the built environment. While some have been credited with initiating whole movements (International Style, MoMA, 1932 or Venice Biennale, 1980) others have secured a lasting legacy for individual architects by inscribing them into the canon of great architecture.

This seminar unpacks a select number of exhibitions that have shaped architecture's relationship to styles and fashions, technological advances, the relationship of humans to nature, nationality, culture and globalization, the individual's place in society, and our relationship to history.

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

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

Number of Participants: 8

**Architectural Theory/Research Seminar: Reading Beyond the Buildings**

1710411, WS 24/25, 2 SWS, Language: German/English, [Open in study portal](#)

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

Content

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

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

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

Intro: Monday 21.10.24

Workshop 1: Monday 4.11.24

Workshop 2: Monday 9.12.24

Workshop 3: Monday 27.01.25

Final Event: 30.01.25, at the Architekturschaufenster: AT goes A SF

Number of Participants: 8

V

Architectural Theory: Can machines be intelligent? Theories of born-digital design in architecture

1710413, WS 24/25, 2 SWS, Language: English, [Open in study portal](#)

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

Content

Where is architectural design headed in a rapidly changing age of proprietary software empires, artificial intelligence, and virtuality? This seminar pulls back the curtain on the origins of today's born-digital design philosophies and their influence on architectural thinking: from participatory design and intelligent computational design assistants to an expanded field of generative geometries to the emergence of web-based interactive platforms. Key texts and select case studies from the 60s until today examine the influence that software, computers and the internet have on the design of architecture, and architectural thinking in society at large.

Introduction: Fri., 25.10.2024, 09:45am - 11:15am

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

V

Architectural Theory/Research Seminar: Criticising Architecture

1710414, WS 24/25, 2 SWS, Language: English, [Open in study portal](#)

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

Content

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

Focus of study: Architectural and Cultural Heritage

4 x 90 min seminars Fridays 2:00-3:30pm

1: 25.10.24

2: 01.11.24 (online)

3: 06.12.24

4: 17.01.25

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

Number of Participants: 20

T

4.81 Course: Special Topics of Urban Design [T-ARCH-108190]

Responsible: 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 scale	Recurrence	Version
Examination of another type	4	Grade to a third	Irregular	1

T

4.82 Course: Special Topics of Urban Design [T-ARCH-107409]

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

Organisation: KIT Department of Architecture

Part of: [M-ARCH-103668 - Special Topics of Urban Design](#)

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

Events					
ST 2024	1731095	Research Seminar/Special Topics of Urban Design: Typology "Reformblock" in Karlsruhe_A 100-year-old Model for Today's Housing Issues? The „Alker-Block“ in Focus	2 SWS	Seminar / 🗎	Neppl, Weber
ST 2024	1731171	International Urban Design: Metropol.X. Pristina. Crises and Challenges	2 SWS	Seminar / 🗎	Engel, Lev
ST 2024	1731272	Special Topics of Urban Design: Garden of Trees, Garden of Flowers	2 SWS	Seminar / 🔄	Multerer, Inderbitzin, Schork, Zickert, Zlokapa, von Zepelin
ST 2024	1731282	Stadt und Wohnen: Building Stories	2 SWS	Seminar / 🔄	Multerer, Inderbitzin, Schork, Zickert, Zlokapa, von Zepelin
WT 24/25	1731098	Research Seminar/Special Topics of Urban Design: Urban Digital Twins as a Planning Basis for Solar Potential and Monument Protection	4 SWS	Seminar / 🗎	Neppl, Zeile
WT 24/25	1731171	International Urban Design: Metropol.X – Santiago de Chile	2 SWS	Seminar / 🗎	Engel, Staab
WT 24/25	1731180	Research Seminar: Transformative Planning Culture. Strategies. Plans. Projects.	2 SWS	Seminar / 📄	Engel
WT 24/25	1731214	Special Topics of Urban Design: Rurality Facing Climate Change. Lab 3.0 : La Sambre	2 SWS	Seminar / 🔄	Bava, Romero Carnicero
WT 24/25	1731280	Urban Design and Housing: Exhibition Hübsche Pflanzenhäuser	2 SWS	Seminar / 🗎	Inderbitzin, Schork, von Zepelin

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

Competence Certificate

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 events related to this course:

V

Research Seminar/Special Topics of Urban Design: Typology “Reformblock” in Karlsruhe_A 100-year-old Model for Today's Housing Issues? The „Alker-Block“ in Focus

Seminar (S)
On-Site1731095, SS 2024, 2 SWS, Language: German, [Open in study portal](#)

Content

At the beginning of the 20th century, the “reform block” was developed as a counter-model to the “Mietskasernen” of the “Gründerzeit”-era blocks with their narrow, dark inner courtyards on the one hand and the open row construction methods of the developing modernism on the other.

After the end of the First World War, the first examples were implemented in Germany, Switzerland and Austria. The new model of the closed block with a spacious, shared inner courtyard was particularly popular in what was then socialist Vienna. The urban planning and structural typologies developed back then continue to demonstrate their qualities today. A closer look at some of Karlsruhe examples should place this type of building into the current architectural discussion.

Appointment: Tue 11:30 am – 1:00 pm, Bldg. 11.40, R015

First Meeting: 16.04.2024, 11:30 am, Bldg. 11.40, R015

Submission/Exam: 13.08.2024

Number of Participants: 20

V

International Urban Design: Metropol.X. Pristina. Crises and Challenges

Seminar (S)
On-Site1731171, SS 2024, 2 SWS, Language: English, [Open in study portal](#)

Content

Pristina faces many challenges: Uncontrolled construction activity and a growing housing shortage, an increase in social inequality, a deficit in green spaces and the congestion of the transport infrastructure characterize the capital of Kosovo. A lack of governance structures and weak institutions encourage corruption and illegal developments. How can resilient urban development succeed in the face of these crises? In the seminar, selected aspects of the city will be mapped, critically evaluated and finally visualized. The result will be an atlas of Pristina's contemporary urban landscape.

Appointment: Tue 11:30 am -1:00 pm, 11.40 R013

First Meeting: Tue 16.04.2024

Submission: Tue 13.08.2024

Number of Participants: 15 (BA+ MA)

Groupwork: Single/Teams of two

Focus of Study: Urban Design

In WS 24/25, an Urban Design Studio Workshop in Pristina will be offered.

V

Special Topics of Urban Design: Garden of Trees, Garden of Flowers

Seminar (S)
Blended (On-Site/Online)1731272, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)

Content

In the seminar *Waldgarten, Blumengarten* we are working together on the realization of the two courtyard projects for the Faculty of Architecture. The gardens are an aesthetic and functional enrichment of the two courtyards that will enhance the microclimate, biodiversity and people. In the upcoming semester, a small group will focus on the maintenance of the *Waldgarten*, continue the planning of the *Blumengarten* and concretize the monitoring that has already begun.

Appointment: Wed, 3:45 - 5:15 pm,

Bldg. 11.40, R 115, Presence

Submission/Exam: to be announced

Number of Participants: 5

Team: Christian Inderbitzin, Srdjan Zlokapa

V

Stadt und Wohnen: Building Stories

Seminar (S)
Blended (On-Site/Online)1731282, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)

Content

The *Building Stories* seminar will explore the creation of construction projects. Together we will analyze the background of existing projects in group work. The seminar will cover the working methods of community-oriented structures, cooperatives, building groups, collectives, and self-build projects. "Who are the actors?", "Who are the users?", "What means were used to realize the project?", "Was a bottom-up or top-down strategy pursued?". After gaining an understanding of the complexity involved in building creation, we narrate the stories behind each individual building and represent them graphically.

Appointment: Wed, 3:45 - 5:15 pm,

Bldg. 11.40, R 115, Presence

Submission/Exam: to be announced

Number of Participants: 15

Team: Anna Schork, Edda Zickert

V

Research Seminar/Special Topics of Urban Design: Urban Digital Twins as a Planning Basis for Solar Potential and Monument Protection

Seminar (S)
On-Site

1731098, WS 24/25, 4 SWS, Language: German, [Open in study portal](#)

Content

Urban digital twins (UDZ) are virtual models of cities that can visualise, simulate, and ideally optimise physical and functional aspects to improve planning and decision-making processes in urban planning. As part of the seminar, the 'twin' of Landsberg am Lech will be used to create proposals for the design of solar installations in a historical context. The roof, as the 5th façade in the urban space, will be examined virtually in design and monument protection to determine visual axes, historical design spaces and concrete design specifications. The Digital Twin and Monument Protection departments of the City of Landsberg and the Bavarian State Office for Monument Preservation are cooperation partners.

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

Excursion: during the event

Submission/exam: 25.02.2025

Number of Participants: 20

Focus of study: Urban Design

Form: Teamwork (2)

V

International Urban Design: Metropol.X – Santiago de Chile

Seminar (S)
On-Site

1731171, WS 24/25, 2 SWS, Language: English, [Open in study portal](#)

Content

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

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

First Meeting: Tue 22.10.2024

Pin-up: Tue 03.12.2024

Presentation: Tue 04.02.2025

Submission: Tue 04.03.2025

Number of Participants: 12 (MA)

Groupwork: Teamwork

Focus of Study: Urban Design

V

Research Seminar: Transformative Planning Culture. Strategies. Plans. Projects.**Seminar (S)
Online**1731180, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)**Content**

Cities worldwide are facing urgent challenges: taking care of natural resources, the necessary mobility turnaround, climate mitigation and adaptation and social cohesion are just a few of the programmatic terms of the necessary changes. It is high time to embark on transformative planning and development and to develop processes and instruments for implementation on a broad scale. The cross-university course focuses on the necessary transformative planning of cities and regions from different professional perspectives. Inputs are reflected in discussions. Written elaboration on a key topic. Further lecturers: Prof. Mario Trvtkovic, Prof. Frank Schwartze, Prof. Thorsten Erl a.o.

Appointment: Mon 16:00–17:30, online

First Meeting: Mon 21.10.2024 16:00

Lecture dates: 21.10.2024, 28.10.2024, 04.11.2024, 11.11.2024, 18.11.2024, 25.11.2024, 02.12.2024, 09.12.2024, 16.12.2024 13.01.2025, 20.01.2025

Submission/Exam: 28.02.2025

Number of Participants: unlimited

Focus of Study: Urban Design

V

**Special Topics of Urban Design: Rurality Facing Climate Change. Lab 3.0 :
La Sambre****Seminar (S)
Blended (On-Site/Online)**1731214, WS 24/25, 2 SWS, Language: English, [Open in study portal](#)**Content**

In the light of the recent climate crisis and the desire of many people living in cities to reconnect with the countryside, a reversal of the rural exodus is observed. The desire to return to greater proximity with the food-producing areas, sprawling the urban fabric, supporting desertification processes of the soils, added to climate changes raise a certain number of problems. How to ensure a quality of life? How can we reconcile the positive contributions of modernity with local customs and traditions? How can we design infrastructures and systems that are more resilient to climate change? Water management, landscape enhancement, energy autonomy will be our parameters. We aim to generate crossed views at tropical remote territories facing climate challenges capable to generate unexpected realities for a new rurality. In the first block, some online talks will serve as introduction to the main topics. Then, a site visit of the valley of the river Sambre near Thuin will be the laboratory to explore new forms of fighting climate change in rural areas. This is an International Seminar in cooperation with Universities of Brussels, Alicante and La Reunion. International teams will work together during the field trip.

First Meeting: Fri 8th November 12:00 am Online

Block 1: 4.4., 11.4., 18.4.2025 Online

Block 2 / Field Trip: Thuin, Belgium, aprox. 25.4.-3.5.2025 (Second week of SS25)

Number of Participants: 8

Online + Exkursion

With financial support from BIP Erasmus+: 70€/day for trip and accommodation.

V

Urban Design and Housing: Exhibition Hübsche Pflanzenhäuser**Seminar (S)
On-Site**1731280, WS 24/25, 2 SWS, Language: German/English, [Open in study portal](#)

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 form the basis. In addition to the content-related work, we will develop the specific curation. The resulting content will include a film about the greenhouses and their staff, as well as various models.

In collaboration with the Chair of Building and Architectural History and other participating professorships working on buildings in Karlsruhe for the exhibition.

Appointment: Wed, 3:45 - 5:15 pm, Bldg. 11.40, R 115, Presence

Submission/Exam: to be announced

Number of Participants: 15

T

4.83 Course: Special Topics of Urban Design 2 [T-ARCH-111792]

Responsible: 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 scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each term	1

Events					
ST 2024	1731095	Research Seminar/Special Topics of Urban Design: Typology "Reformblock" in Karlsruhe_A 100-year-old Model for Today's Housing Issues? The „Alker-Block“ in Focus	2 SWS	Seminar /	Neppl, Weber
ST 2024	1731171	International Urban Design: Metropol.X. Pristina. Crises and Challenges	2 SWS	Seminar /	Engel, Lev
WT 24/25	1731098	Research Seminar/Special Topics of Urban Design: Urban Digital Twins as a Planning Basis for Solar Potential and Monument Protection	4 SWS	Seminar /	Neppl, Zeile
WT 24/25	1731171	International Urban Design: Metropol.X – Santiago de Chile	2 SWS	Seminar /	Engel, Staab
WT 24/25	1731180	Research Seminar: Transformative Planning Culture. Strategies. Plans. Projects.	2 SWS	Seminar /	Engel
WT 24/25	1731214	Special Topics of Urban Design: Rurality Facing Climate Change. Lab 3.0 : La Sambre	2 SWS	Seminar /	Bava, Romero Carnicero
WT 24/25	1731280	Urban Design and Housing: Exhibition Hübsche Pflanzenhäuser	2 SWS	Seminar /	Inderbitzin, Schork, von Zepelin

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

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

V

Research Seminar/Special Topics of Urban Design: Typology "Reformblock" in Karlsruhe_A 100-year-old Model for Today's Housing Issues? The „Alker-Block“ in Focus Seminar (S) On-Site

1731095, SS 2024, 2 SWS, Language: German, [Open in study portal](#)

Content

At the beginning of the 20th century, the “reform block” was developed as a counter-model to the “Mietskasernen” of the “Gründerzeit”-era blocks with their narrow, dark inner courtyards on the one hand and the open row construction methods of the developing modernism on the other.

After the end of the First World War, the first examples were implemented in Germany, Switzerland and Austria. The new model of the closed block with a spacious, shared inner courtyard was particularly popular in what was then socialist Vienna. The urban planning and structural typologies developed back then continue to demonstrate their qualities today. A closer look at some of Karlsruhe's examples should place this type of building into the current architectural discussion.

Appointment: Tue 11:30 am – 1:00 pm, Bldg. 11.40, R015

First Meeting: 16.04.2024, 11:30 am, Bldg. 11.40, R015

Submission/Exam: 13.08.2024

Number of Participants: 20

**International Urban Design: Metropol.X. Pristina. Crises and Challenges**

1731171, SS 2024, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Pristina faces many challenges: Uncontrolled construction activity and a growing housing shortage, an increase in social inequality, a deficit in green spaces and the congestion of the transport infrastructure characterize the capital of Kosovo. A lack of governance structures and weak institutions encourage corruption and illegal developments. How can resilient urban development succeed in the face of these crises? In the seminar, selected aspects of the city will be mapped, critically evaluated and finally visualized. The result will be an atlas of Pristina's contemporary urban landscape.

Appointment: Tue 11:30 am -1:00 pm, 11.40 R013

First Meeting: Tue 16.04.2024

Submission: Tue 13.08.2024

Number of Participants: 15 (BA+ MA)

Groupwork: Single/Teams of two

Focus of Study: Urban Design

In WS 24/25, an Urban Design Studio Workshop in Pristina will be offered.

**Research Seminar/Special Topics of Urban Design: Urban Digital Twins as a Planning Basis for Solar Potential and Monument Protection**

1731098, WS 24/25, 4 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Urban digital twins (UDZ) are virtual models of cities that can visualise, simulate, and ideally optimise physical and functional aspects to improve planning and decision-making processes in urban planning. As part of the seminar, the ‘twin’ of Landsberg am Lech will be used to create proposals for the design of solar installations in a historical context. The roof, as the 5th façade in the urban space, will be examined virtually in design and monument protection to determine visual axes, historical design spaces and concrete design specifications. The Digital Twin and Monument Protection departments of the City of Landsberg and the Bavarian State Office for Monument Preservation are cooperation partners.

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

Excursion: during the event

Submission/exam: 25.02.2025

Number of Participants: 20

Focus of study: Urban Design

Form: Teamwork (2)

**International Urban Design: Metropol.X – Santiago de Chile**

1731171, WS 24/25, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

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

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

First Meeting: Tue 22.10.2024

Pin-up: Tue 03.12.2024

Presentation: Tue 04.02.2025

Submission: Tue 04.03.2025

Number of Participants: 12 (MA)

Groupwork: Teamwork

Focus of Study: Urban Design

V

Research Seminar: Transformative Planning Culture. Strategies. Plans. Projects.

1731180, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
Online**

Content

Cities worldwide are facing urgent challenges: taking care of natural resources, the necessary mobility turnaround, climate mitigation and adaptation and social cohesion are just a few of the programmatic terms of the necessary changes. It is high time to embark on transformative planning and development and to develop processes and instruments for implementation on a broad scale. The cross-university course focuses on the necessary transformative planning of cities and regions from different professional perspectives. Inputs are reflected in discussions. Written elaboration on a key topic. Further lecturers: Prof. Mario Trvtkovic, Prof. Frank Schwartz, Prof. Thorsten Erl a.o.

Appointment: Mon 16:00–17:30, online

First Meeting: Mon 21.10.2024 16:00

Lecture dates: 21.10.2024, 28.10.2024, 04.11.2024, 11.11.2024, 18.11.2024, 25.11.2024, 02.12.2024, 09.12.2024, 16.12.2024 13.01.2025, 20.01.2025

Submission/Exam: 28.02.2025

Number of Participants: unlimited

Focus of Study: Urban Design

V

Special Topics of Urban Design: Rurality Facing Climate Change. Lab 3.0 :**La Sambre**

1731214, WS 24/25, 2 SWS, Language: English, [Open in study portal](#)

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

Content

In the light of the recent climate crisis and the desire of many people living in cities to reconnect with the countryside, a reversal of the rural exodus is observed. The desire to return to greater proximity with the food-producing areas, sprawling the urban fabric, supporting desertification processes of the soils, added to climate changes raise a certain number of problems. How to ensure a quality of life? How can we reconcile the positive contributions of modernity with local customs and traditions? How can we design infrastructures and systems that are more resilient to climate change? Water management, landscape enhancement, energy autonomy will be our parameters. We aim to generate crossed views at tropical remote territories facing climate challenges capable to generate unexpected realities for a new rurality. In the first block, some online talks will serve as introduction to the main topics. Then, a site visit of the valley of the river Sambre near Thuin will be the laboratory to explore new forms of fighting climate change in rural areas. This is an International Seminar in cooperation with Universities of Brussels, Alicante and La Reunion. International teams will work together during the field trip.

First Meeting: Fri 8th November 12:00 am Online

Block 1: 4.4., 11.4., 18.4.2025 Online

Block 2 / Field Trip: Thuin, Belgium, approx. 25.4.-3.5.2025 (Second week of SS25)

Number of Participants: 8

Online + Exkursion

With financial support from BIP Erasmus+: 70€/day for trip and accommodation.

V

Urban Design and Housing: Exhibition Hübsche Pflanzenhäuser

1731280, WS 24/25, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

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 form the basis. In addition to the content-related work, we will develop the specific curation. The resulting content will include a film about the greenhouses and their staff, as well as various models.

In collaboration with the Chair of Building and Architectural History and other participating professorships working on buildings in Karlsruhe for the exhibition.

Appointment: Wed, 3:45 - 5:15 pm, Bldg. 11.40, R 115, Presence

Submission/Exam: to be announced

Number of Participants: 15

T

4.84 Course: Special Topics of Urban Planning [T-ARCH-111794]

Responsible: 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 scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each term	1

Events					
ST 2024	1741385	History of Architecture/Urban Planning: Living Concepts and their Exhibition	2 SWS	Block / 🗓️	Medina Warmburg, Rind
ST 2024	1741390	Historical Building Research _ Complex Systems	2 SWS	Seminar / 🗓️	Medina Warmburg, Busse
ST 2024	1741391	History of Architecture/Urban Planning: ENVIRONMENTAL BIOGRAPHIES.Studies on the Infrastructural Landscapes in Karlsruhe.	4 SWS	Seminar / 🗓️	Medina Warmburg, Garrido
WT 24/25	1741382	Research Seminar: History of Architecture/Urban Planning: Nature in Stone: Plant Species in Gothic Architecture	2 SWS	Seminar / 🗓️	Brehm
WT 24/25	1741383	History of Architecture/Urban Planning: KIT200: Exhibition Design	2 SWS	Seminar / 🗓️	Garrido
WT 24/25	1741384	History of Architecture/Urban Planning: Environmental Biographies. KIT200: Decoding Majolika Karlsruhe and its Environmental Networks	2 SWS	Seminar / 🗓️	Garrido
WT 24/25	1741386	History of Architecture/Urban Planning: Creepy Houses. Architecture and the City in the Movies (Part I)	2 SWS	Seminar / 🗓️	Medina Warmburg
WT 24/25	1741387	History of Architecture/Urban Planning: KIT200: Time as Material. About the Culture and Architecture of Cemeteries	2 SWS	Seminar / 🗓️	Medina Warmburg
WT 24/25	1741390	History of Architecture/Urban Planning: KIT 200: Municipal and Private Bath	2 SWS	Seminar / 🗓️	Rind
WT 24/25	1741392	Special Topics of History of Architecture/Urban Planning: Future needs Provenance – About Dealing with Monuments	2 SWS	Seminar / 🗓️	Kurz
WT 24/25	1741393	Special Topics of History of Architecture/Urban Planning: Preservation of Historical Monuments - Theory and Practice	2 SWS	Block / 🗓️	Hanschke
WT 24/25	1741394	History of Architecture/Urban Planning: Strasbourg/Strasbourg - Cultural Exchange between France and Germany. Aspects of Architectural and Urban Planning between 1830 and 1940	2 SWS	Seminar / 🗓️	Gawlik

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

Competence Certificate

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

Prerequisites

none

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

V

History of Architecture/Urban Planning: Living Concepts and their Exhibition

1741385, SS 2024, 2 SWS, Language: German, [Open in study portal](#)

**Block (B)
On-Site**

Content

Living is a basic existential need and everyday social practice, a scarce commodity and a housing policy challenge, but also the starting point and vision of architectural designs and construction projects.

Based on texts and exhibitions about living in the past 100 years, we ask ourselves the question of the respective concepts behind these living worlds, the design of our coexistence and the communication via text and/or exhibition. What part does the architecture play, what part does the interior play?

First part of the block seminar: reading and discussing (most texts are in German). Second part: Participation in Werkbund Foyer #2 Parasite Kitchen on the Skulpturenplatz of the Kunsthalle Mannheim with a pop-up exhibition and discussions.

1. Meeting: Fri, 19. 4. , 9:45 -11:15 am, Seminar room History of Building and Architecture, Bldg. 20.40, R 015

Block I: Fri/Sat 3. /4. 5. , 10-5 pm , Seminar room History of Building and Architecture, Bldg. 20.40, R 015

Block II: Fri/Sat 28. /29. 6. 10-5 pm, Sculpture Square, Kunsthalle Mannheim

Submission: Participation in both blocks obligatory, elaboration of a thematic focus for the pop-up exhibition, participation in the discussions.

Number of Participants: 5

Focus of study: Architectural and Cultural Heritage

V

Historical Building Research _ Complex Systems

1741390, SS 2024, 2 SWS, Language: German, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The ability to consciously shape the transformation in the area of contradiction 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 seminar, a self-selected object is analysed in archival documents, as-built plans, measurements and the history of alterations.

The structure and elements are to be graphically analysed, described and interpreted, e.g. by analysing the construction history, analysing the typology, analysing the structural system, analysing the spatial structures, analysing the materials, analysing and comparing the formal elements or analysing the structure.

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

Submission: 30.09.2024

Number of Participants: 12 Ma, 5 KG

Focus of study: Architectural and Cultural Heritage

V

History of Architecture/Urban Planning: ENVIRONMENTAL BIOGRAPHIES. Studies on the Infrastructural Landscapes in Karlsruhe.**Seminar (S)
On-Site**1741391, SS 2024, 4 SWS, Language: German/English, [Open in study portal](#)**Content**

T

The water infrastructure has been a critical component of Karlsruhe since its foundation. It has not only defined the relationship of the city with its near- and distant environment but also its character and its urban spaces thanks to a rich network of fountains and springs.

The objective of the seminar is to explore various architectural research and representation tools, including archival material, diagrams and 3d models and through them, aiming to uncover, analyze and communicate the intricate layers of overlapping infrastructural networks of Karlsruhe, crafting an "urban biography" portraying the city's evolution.

Tue, 11.30-1 pm, Seminar room History of Building and Architecture; Bldg. 20.40, R 015

Excursion: after arrangement

Submission/Exam: presentation and paper due 31.06.2024

Number of Participants: 5

Focus of study: Architectural and Cultural Heritage

V

Research Seminar: History of Architecture/Urban Planning: Nature in Stone: Plant Species in Gothic Architecture**Seminar (S)
Blended (On-Site/Online)**1741382, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)**Content**

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

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

Number of Participants: 5

Focus of study: Architectural and Cultural Heritage

V

History of Architecture/Urban Planning: KIT200: Exhibition Design**Seminar (S)
On-Site**1741383, WS 24/25, 2 SWS, Language: German/English, [Open in study portal](#)**Content**

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

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

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

Submission/Exam: presentation and essay due 31.03.2025

Number of Participants: 5

Focus of study: Architectural and Cultural Heritage

V

History of Architecture/Urban Planning: Environmental Biographies. KIT200: Decoding Majolika Karlsruhe and its Environmental Networks**Seminar (S)
On-Site**1741384, WS 24/25, 2 SWS, Language: English, [Open in study portal](#)

Content

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

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

Submission/Exam: presentation and essay due 31.03.2024

Number of Participants: 7

Focus of study: Architectural and Cultural Heritage

V

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

Seminar (S)
On-Site

1741386, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

Content

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

1. Meeting: 31.10.2024

Dates: 6 doubles sessions in November and December

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

Focus of Study: Architectural and Cultural Heritage

V

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

Seminar (S)
On-Site

1741387, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

Content

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

1. Meeting: 29.10.2024

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

Focus of study: Architectural and Cultural Heritage

V

History of Architecture/Urban Planning: KIT 200: Municipal and Private Bath

Seminar (S)
On-Site

1741390, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

Content

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

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

Submission: poster or paper

Number of Participants: 6

Focus of study: Architectural and Cultural Heritage

V

Special Topics of History of Architecture/Urban Planning: Future needs Provenance – About Dealing with Monuments Seminar (S)
On-Site

1741392, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

Content

The seminar is about the skills and the desire to bring monuments and other valuable buildings appropriately into the future. To this end, we look at the planning and constructional handling of various monuments and deal with topics such as: cultural significance, inventory investigations, as well as the choice of methods and measures. On the basis of concrete projects, we drill into the depths of theory at the crucial points and sound out exemplary aspects of the discursive character of the discipline of "monument preservation". The focus is on monuments of the 20th century.

1. Meeting: 28.10.2024

Submission/Exam: Development of various contributions / presentations as well as guiding questions for the discussion in the seminar. A written summary is to be handed in together with the contribution / presentation due 31.03.2025

Number of Participants: 8

Focus of study: Architectural and Cultural Heritage

V

Special Topics of History of Architecture/Urban Planning: Preservation of Historical Monuments - Theory and Practice Block (B)
Blended (On-Site/Online)

1741393, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

Content

The preservation and maintenance of historical monuments or monument ensembles is a task that is performed by specialized architectural firms, restorers and monument protection authorities. The seminar gives an insight into selected topics and questions. The focus is on the history and theory of monument preservation, the history of central European town houses, inventory, practical examples of monument preservation and old building renovation as well as legal considerations.

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

Dates will be set by arrangement.

First Meeting online: Thu 24.10.2024, 6 p.m.

Submission/Exam: presentation and paper due 31.03.2025

Number of Participants: 6

Focus of study: Architectural and Cultural Heritage

V

History of Architecture/Urban Planning: Strasbourg/Strasbourg - Cultural Exchange between France and Germany. Aspects of Architectural and Urban Planning between 1830 and 1940 Seminar (S)
Blended (On-Site/Online)

1741394, WS 24/25, 2 SWS, Language: German, [Open in study portal](#)

Content

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

Block seminar in Karlsruhe on 21./22.03.2025

Excursion to Strasbourg on 23.03.2025

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

Please make your own travel arrangements to Strasbourg.

Number of Participants: 3

Submission/Exam: presentation/essay 31.03.25

Focus of study: Architectural and Cultural Heritage

T

4.85 Course: Structural Analysis [T-ARCH-112499]

Responsible: Dr. Anette Busse
Organisation: KIT Department of Architecture
Part of: [M-ARCH-106128 - Structural Analysis](#)

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

Competence Certificate

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

Prerequisites

none





T

4.86 Course: Sustainability [T-ARCH-108458]

Responsible: Prof.Dipl.-Ing. Dirk Hebel
Organisation: KIT Department of Architecture
Part of: [M-ARCH-104078 - Sustainability](#)

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

Events					
ST 2024	1720606	Research Seminar / Sustainability: Future-oriented Building Materials - A Research Seminar of the KIT Material Library	4 SWS	Seminar / 	Hebel, Böhm, Boerman

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

Competence Certificate

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 events related to this course:

V

Research Seminar / Sustainability: Future-oriented Building Materials - A Research Seminar of the KIT Material Library Seminar (S)
On-Site

1720606, SS 2024, 4 SWS, Language: German, [Open in study portal](#)

Content

The KIT Materials Library of the Faculty of Architecture offers an extensive collection of materials that, in addition to conventional building materials, focuses on building materials made from secondary raw materials, alternative biotic raw materials and recyclable building materials.

Addressing such material focal points of sustainable construction makes future generations of architects understand the value of varietal purity, the necessity of using secondary materials and the preservation of value when reused or recycled.

In the research seminar **Future-oriented Building Materials**, Master's students gain a detailed insight into this class of innovative, endlessly recyclable building materials. The independent scientific research work of the students is at the heart of the seminar work. The students are involved in the selection of the materials to be described and are explicitly called upon to adopt a critical stance. The final aim of the seminar is to present innovative, sustainable materials for the construction industry using detailed data sheets and prepared physical material samples as part of an exhibition in the materials library. Students are thus actively involved in the further development of the materials database and the collection of the materials library. The seminar is accompanied by individual supervision, work in the study workshops and joint discussion rounds in the materials library.

Organizational issues

Erstes Treffen: 16.04.24

Regeltermin: Dienstags 11.30 bis 13.00 Uhr

Abgabe/Prüfung: 16.07.24

Teilnehmerzahl: 12 Studierende (Master)

Studienschwerpunkt: Bautechnik

T

4.87 Course: Theory of Architecture [T-ARCH-107367]

Responsible: Prof. Dr. Anna-Maria Meister
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103625 - Theory of Architecture](#)

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

Events					
ST 2024	1710407	Architectural Theory: Bathing Spaces	2 SWS	Seminar /	Wilkinson
ST 2024	1710411	Theory of Architecture: Architecture of Decision-Making	2 SWS	Seminar /	Knoop
ST 2024	1710413	Architectural Theory: Architecture's Scales: Objects	2 SWS	Seminar /	Meister
ST 2024	1710414	Architectural Theory/Research Seminar: Critical Theory and Architecture	2 SWS	Seminar /	Wilkinson
WT 24/25	1710407	Architectural Theory: Rhein: Industrie/Kultur/Landschaft	2 SWS	Seminar /	Fankhänel, Wilkinson
WT 24/25	1710409	Theory of Architecture: Living Archive!	4 SWS	Seminar /	Gurgenidze
WT 24/25	1710410	Architectural Theory: Exhibit A(rchitecture). Exhibitions that have shaped architecture	4 SWS	Seminar /	Fankhänel
WT 24/25	1710411	Architectural Theory/Research Seminar: Reading Beyond the Buildings	2 SWS	Seminar /	Fankhänel, Knoop
WT 24/25	1710413	Architectural Theory: Can machines be intelligent? Theories of born-digital design in architecture	2 SWS	Seminar /	Fankhänel
WT 24/25	1710414	Architectural Theory/Research Seminar: Criticising Architecture	2 SWS	Seminar /	Fankhänel, Wilkinson

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

Competence Certificate

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 events related to this course:

V

Architectural Theory: Bathing Spaces

1710407, SS 2024, 2 SWS, Language: English, [Open in study portal](#)

Seminar (S)
On-Site

Content

Humans have always built bathing facilities, whether for religion, pleasure, hygiene, or sport. In this seminar we will consider examples from many times and places, from pre-Columbian America to modern Tokyo, gay saunas to Olympic pools. We will also read a variety of texts, including theological, phenomenological, and Foucauldian theories of the body in space. Bathing spaces can be democratic (hence the Russian saying, 'there are no epaulettes in the banya'), but they can also exclude groups like women, the disabled, and the racialised. The unusual nudity of the pool brings social tensions to the surface, while offering a vision – which may be a mirage – of a radically equal space.

Focus of study: Architectural and Cultural Heritage

The seminars and lectures will take place 6 times Tuesday 14:00-15:30pm and 6 times Wednesday 9:45-11:15am.

16.04, 17.04, 30.04, 1.05, 14.05, 15.05, 4.06, 5.06, 18.06, 19.06, 2.07, 3.07.

Tue 09.07 17-20pm: Final event at the Architekturschaufenster: AT goes A SF

Number of Participants: 8

**Theory of Architecture: Architecture of Decision-Making**

1710411, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Façades, portals, and assembly halls are architectural symbols of political decision-making and power. But utility rooms, furniture, and room layouts are often overlooked. Yet it is precisely in long corridors, at round tables or in front of fixed television cameras that politically significant decisions are discussed, agreed, and announced. How do these spaces and objects correlate with political systems? What power can emanate from them? These and other questions will be discussed with the help of architectural theory texts on power and architecture, the analysis of case studies and a Stegreif-Design. The course is designed as a reading and research seminar. The Stegreif (MA-Arch) is mandatory.

Focus of study: Architectural and Cultural Heritage

Mondays 14:00-17:15h, 6 meetings per semester + introduction + final event

22.04. 14:00-15:30h Introduction

29.04. 1st meeting

06.05. 2nd meeting

13.05. 3rd meeting

17.06. 4th meeting

24.06. 5th meeting

01.07. 6th meeting

Tue 09.07. 17-20h Final event at the Architekturschaufenster: AT goes A SF

Number of Participants: 8

**Architectural Theory: Architecture's Scales: Objects**

1710413, SS 2024, 2 SWS, Language: English, [Open in study portal](#)

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

Content

The scales of architecture are not limited to buildings, nor is the impact of architecture. Rather, built environments are configured by architectural objects of different scales: from molecular particles to buildings, cities or even abstract ideas, by the human bodies that build and sustain them. In this seminar we will ask what makes architecture an object. To this end, we will examine six case studies of different scales - from the development of standardized objects to the question of the objectification of architecture as a "gift". The seminar will be taught in collaboration with Prof. Dr. Alla Vronskaya, University of Kassel, and the Kunsthistorisches Institut in Florenz - Max Planck Institute. Meeting together biweekly (connecting online to the other group), we will discuss a text by a leading contemporary scholar, followed by an evening lecture and discussion session with the author.

Focus of study: Architectural and Cultural Heritage

The seminars and lectures will take place 6 times Wednesday 10-11:30 and 6 times Thursdays, partially online. Exact dates will be communicated soon.

Tue 09.07. 17-20h Final event at the Architekturschaufenster: AT goes A SF

**Architectural Theory/Research Seminar: Critical Theory and Architecture**

1710414, SS 2024, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

Critical theory is a tradition of thought that began 100 years ago in Germany: it is the argument of this lecture series that it is still useful for thinking about architecture today. Beginning with Siegfried Kracauer, a trained architect and frequent writer on the subject, and Walter Benjamin, who obsessively worked on the Parisian arcades, we will move on to their postwar descendants such as Jürgen Habermas, Manfredo Tafuri, and Angela Davis, exploring these thinkers' critique, their disputes, and their limitations.

Focus of study: Architectural and Cultural Heritage

4x lectures Mondays 17:30-19:00pm: 29.04, 13.05, 3.06, 17.06.

Number of Participants: 20

Literature

Teaching will be in English, some of the readings will also be available in German

**Architectural Theory: Rhein: Industrie/Kultur/Landschaft**

1710407, WS 24/25, 2 SWS, Language: English, [Open in study portal](#)

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

Content

The Rhein is one of Europe's most important rivers, a vital economic route transporting people and goods between major cities, a geographical feature joining and dividing the continent– and the world. It is also a cultural landscape that played a central role in the development of the modern German identity. However, the modern river is hardly natural at all, thanks to canalisation – it is, in effect, one of the world's biggest infrastructure projects. Since the industrial revolution, it has also suffered from serious pollution, and now climate change threatens to render it unnavigable. In this research seminar we will visit key sites and read texts from poets, designers, philosophers, and geographers, using the Rhein and its architecture to explore bigger questions about nature and design, economics and culture.

Focus of study: Architectural and Cultural Heritage

4 x Friday 9:45am-1:00pm/ 2 x day trips, also on Fridays

Seminar 1 & 2 (25.10); Seminar 3 & 4 (1.11) (online)

Seminar 5 & 6 Basel (22.11); Seminar 7 & 8 (6.12)

Seminar 9 & 10 Mannheim (20.12); Seminar 11 & 12 (17.01)Thu., 30.01.24,5:00-8:00pm, Final event at the Architekturschaufenster: AT goes A SF

Number of Participants: 8

**Theory of Architecture: Living Archive!**

1710409, WS 24/25, 4 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
Blended (On-Site/Online)**

Content

This course explores the transformation of the Panel Block Housing in the transition period from a planned to a market economy in post-Soviet Georgia, primarily from the late 1990s to the early 2000s. The emergence of new architectural elements within post-Soviet contexts is a compelling area for investigation. This involves documenting a 'living archive' by visualizing and analyzing the various typologies of these transformed spaces. Of note are the existing typologies of self-built structures, like balconies, ground floors, extensions, and garages, to mention a few, which serve as a tangible record of the architectural evolution of the period for professionals.

The planned course aims to meticulously research the "living archive" and analyze and document them.

Focus of study: *Architectural and Cultural Heritage*

3 x Fridays 2:00-5:15 pm / 3 x Fridays 2:00-5:15 pm (online)

Seminar 1 & 2 (25.10); Seminar 3 & 4 (8.11)

Seminar 5 & 6 (22.11) online; Seminar 7 & 8 (13.12)

Seminar 9 & 10 (20.12) online; Seminar 11 & 12(11.01) online

Thu., 30.01.24, 17:00-20:00h, Final event at the Architekturschaufenster: AT goes A SF

**Architectural Theory: Exhibit A(rchitecture). Exhibitions that have shaped architecture**

1710410, WS 24/25, 4 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
Blended (On-Site/Online)**

Content

Theory doesn't always come in the form of written manifestoes or books. Often ideas are transmitted through other media such as buildings, photos or exhibitions. Deciphering their critical influence on architectural culture is a key skill in any architect's tool kit.

Architecture exhibitions have a profound influence on the way we negotiate the built environment. While some have been credited with initiating whole movements (International Style, MoMA, 1932 or Venice Biennale, 1980) others have secured a lasting legacy for individual architects by inscribing them into the canon of great architecture.

This seminar unpacks a select number of exhibitions that have shaped architecture's relationship to styles and fashions, technological advances, the relationship of humans to nature, nationality, culture and globalization, the individual's place in society, and our relationship to history.

Introduction: Wed., 23.10.2024, 11:30am -1:00pm

Last date: Thu., 30.01.24, 5:00-8:00pm, Final event at the Architekturschaufenster: AT goes A SF

Number of Participants: 8



Architectural Theory/Research Seminar: Reading Beyond the Buildings

1710411, WS 24/25, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
Blended (On-Site/Online)**

Content

Architecture and urban space are part of an infrastructure for political participation and legal citizenship, such as through the organisation and aesthetic impact of public space and cultural and political institutions. After the Second World War, the discipline of architecture was given the task by the United Nations of not only solving housing problems, but also having an impact on international relations. This also marked the beginning of an examination of architectural spaces of colonialism, human rights violations or discrimination. How was and is the discipline involved or responsible? What positions does it adopt today? In this research seminar, we want to read, discuss and research 'beyond the buildings' based on texts from architectural theory, political science and post-colonial studies.

Focus of study: Architectural and Cultural Heritage / the texts to be edited will be in english

Monday 2-5:15 pm in person/online 14daily

Intro: Monday 21.10.24

Workshop 1: Monday 4.11.24

Workshop 2: Monday 9.12.24

Workshop 3: Monday 27.01.25

Final Event: 30.01.25, at the Architekturschaufenster: AT goes A SF

Number of Participants: 8



Architectural Theory: Can machines be intelligent? Theories of born-digital design in architecture

1710413, WS 24/25, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
Blended (On-Site/Online)**

Content

Where is architectural design headed in a rapidly changing age of proprietary software empires, artificial intelligence, and virtuality? This seminar pulls back the curtain on the origins of today's born-digital design philosophies and their influence on architectural thinking: from participatory design and intelligent computational design assistants to an expanded field of generative geometries to the emergence of web-based interactive platforms. Key texts and select case studies from the 60s until today examine the influence that software, computers and the internet have on the design of architecture, and architectural thinking in society at large.

Introduction: Fri., 25.10.2024, 09:45am - 11:15am

Last date: Thu., 30.01.24, 5:00-8:00pm, Final event at the Architekturschaufenster: AT goes A SF



Architectural Theory/Research Seminar: Criticising Architecture

1710414, WS 24/25, 2 SWS, Language: English, [Open in study portal](#)

**Seminar (S)
Blended (On-Site/Online)**

Content

In this research seminar we will consider the role of criticism in architecture: what it means to be critical, how criticism functions as a professional practice, what relationship criticism has to design, and what criticism can do today. We will read and analyse some key examples, as well as some theoretical reflections on the form, and then produce a short piece of criticism ourselves.

Focus of study: Architectural and Cultural Heritage

4 x 90 min seminars Fridays 2:00-3:30pm

1: 25.10.24

2: 01.11.24 (online)

3: 06.12.24

4: 17.01.25

Thu 30.01.24, 5:00-8:00pm, Final event at the Architekturschaufenster: AT goes A SF

Number of Participants: 20

T

4.88 Course: Timber Structures: Materials and Appropriate Design [T-ARCH-113853]**Responsible:** 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 scale	Recurrence	Expansion	Version
Oral examination	4	Grade to a third	Each winter term	1 terms	1

Events					
WT 24/25	6213904	Timber Structures: Materials and Appropriate Design	4 SWS	Lecture / Practice (/ 🎧)	Sandhaas, Frese, La Magna, Kuck, Müller

Legend: 📺 Online, 🔄 Blended (On-Site/Online), 🎧 On-Site, ✕ Cancelled

Competence Certificate

Oral examination lasting approx. 30 minutes

Below you will find excerpts from events related to this course:

V

Timber Structures: Materials and Appropriate Design6213904, WS 24/25, 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.

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: 25.10.2024; 2:00 p.m.

Rule date: Friday 2:00 p.m. – 5:15 p.m.

Delivery/Examination: after announcement!

Number of participants: unlimited

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

4.89 Course: Urban Design and Housing [T-ARCH-111167]

Responsible: Prof. Christian Inderbitzin
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105563 - Urban Design and Housing](#)

Type	Credits	Grading scale	Recurrence	Expansion	Version
Examination of another type	4	Grade to a third	Each term	1 terms	1

Events					
ST 2024	1731280	Research Seminar/Urban Design and Housing: Exhibition Hübsche Pflanzhäuser	2 SWS	Seminar / 	Inderbitzin, Multerer, von Zepelin
ST 2024	1731282	Stadt und Wohnen: Building Stories	2 SWS	Seminar / 	Multerer, Inderbitzin, Schork, Zickert, Zlokapa, von Zepelin
WT 24/25	1731280	Urban Design and Housing: Exhibition Hübsche Pflanzenhäuser	2 SWS	Seminar / 	Inderbitzin, Schork, von Zepelin

Legend:  Online,  Blended (On-Site/Online),  On-Site,  Cancelled

Below you will find excerpts from events related to this course:

V

Research Seminar/Urban Design and Housing: Exhibition Hübsche Pflanzhäuser

1731280, SS 2024, 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* form the basis. In addition to the content-related work, we will develop the specific curation. Possibilities include both traditional exhibition forms and audio or video presentations.

In collaboration with the Chair of Building and Architectural History and other participating professorships working on buildings in Karlsruhe for the exhibition.

Appointment: Wed, 3:45 - 5:15 pm,

Bldg. 11.40, R 115, Presence

Submission/Exam: to be announced

Number of Participants: 15

V

Stadt und Wohnen: Building Stories

1731282, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)

Seminar (S)
Blended (On-Site/Online)

Content

The *Building Stories* seminar will explore the creation of construction projects. Together we will analyze the background of existing projects in group work. The seminar will cover the working methods of community-oriented structures, cooperatives, building groups, collectives, and self-build projects. "Who are the actors?", "Who are the users?", "What means were used to realize the project?", "Was a bottom-up or top-down strategy pursued?". After gaining an understanding of the complexity involved in building creation, we narrate the stories behind each individual building and represent them graphically.

Appointment: Wed, 3:45 - 5:15 pm,

Bldg. 11.40, R 115, Presence

Submission/Exam: to be announced

Number of Participants: 15

Team: Anna Schork, Edda Zickert

V

Urban Design and Housing: Exhibition Hübsche Pflanzenhäuser

1731280, WS 24/25, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

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 form the basis. In addition to the content-related work, we will develop the specific curation. The resulting content will include a film about the greenhouses and their staff, as well as various models.

In collaboration with the Chair of Building and Architectural History and other participating professorships working on buildings in Karlsruhe for the exhibition.

Appointment: Wed, 3:45 - 5:15 pm, Bldg. 11.40, R 115, Presence

Submission/Exam: to be announced

Number of Participants: 15

T

4.90 Course: Urban Design Specialization [T-ARCH-111328]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105671 - Urban Design Project](#)

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	2	Grade to a third	Each term	1

Events					
ST 2024	1731061	Advanced Urban Design Project Studies: The Term "Transformation" (Neppl)	1 SWS	/ ●	Neppl
ST 2024	1731161	Advanced Urban Design Project Studies (Engel): Inner City on the Edge, Freiburg / Rules and Players	2 SWS	Seminar / ●	Engel, Böcherer, Kannen
ST 2024	1731211	Advanced Urban Design Project Studies: Urban Hydrotopos – Karlsruhe's Co-Evolutionary Dynamics of Urban and Hydric Processes (Bava)	1 SWS	/ ●	Bava, Romero Carnicero
WT 24/25	1731061	Advanced Urban Design Project Studies: Repertoire Residential Typologies (Neppl)	1 SWS	/ ●	Neppl, Krüger, Hetey
WT 24/25	1731161	Advanced Urban Design Project Studies (Engel): Mapping the Urban Landscape of Pristina	1 SWS	/ ●	Engel, Lev, Song
WT 24/25	1731211	Advanced Urban Design Project Studies (Bava)	1 SWS	/ ●	Bava, Ehmman, Seitz

Legend: Online, Blended (On-Site/Online), On-Site, Cancelled

Competence Certificate

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.

Below you will find excerpts from events related to this course:

V

Advanced Urban Design Project Studies: The Term "Transformation" (Neppl)

1731061, SS 2024, 1 SWS, Language: German, [Open in study portal](#)

On-Site**Content**

The term "transformation" appears almost in all building and urban development projects. This in-depth study aims to clarify what it means and how these findings can be applied to the respective projects. In this context, different theoretical boundary conditions will be examined, and historical and current examples will be compiled, examples will be summarized. Subsequently, the focus will be on the transferability to future projects and on the potential for the further development of urban neighbourhoods.

The event can only be chosen in connection with the corresponding urban design project "Urban Transformation" and is mandatory for it.

Appointment: Thu, 2:00 pm, Bldg. 11.40, EG, R015 (the dates will be announced during the seminar)

Exam: 31.07.2024

V

Advanced Urban Design Project Studies (Engel): Inner City on the Edge, Freiburg / Rules and Players

1731161, SS 2024, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
On-Site**

Content

The future development of the city center is the subject of numerous professional, political and social debates. The interests are diverse and often conflicting. Political representatives and citizens' initiatives, experts inside and outside the administration and investors – they all have a direct and indirect influence on the planning and design of the city center. The subject of the in-depth study is to look at the various groups of actors and decision-making processes, but also the legal framework conditions.

This course is carried out in cooperation with the experts for public construction law Prof. Dr. jur. Jörg Menzel and Prof. Dr. Werner Finger.

Appointments: Thu

First meeting: Mon 15.04.2024, 2:00 pm, 11.40 R013

Submission/Exam: Thu 15.08.2024

Form: Teamwork

The course can only be chosen in conjunction with the corresponding design (Inner City on the Edge. Freiburg. (Engel)) and is mandatory for this course.

V

Advanced Urban Design Project Studies: Urban Hydrotopos – Karlsruhe's Co-Evolutionary Dynamics of Urban and Hydric Processes (Bava)

1731211, SS 2024, 1 SWS, Language: German, [Open in study portal](#)

On-Site

Content

This course can only be chosen in conjunction with the related course Urban Planning (LV 1731210) and is compulsory for this course.

1st meeting: 18.04.2024, 10:00 a.m., Bldg 11.40, R 122

Exam: 01.08.2024

Form of work: Teamwork

V

Advanced Urban Design Project Studies: Repertoire Residential Typologies (Nepl)

1731061, WS 24/25, 1 SWS, Language: German, [Open in study portal](#)

On-Site

Content

The framework development plan Dietenbach developed diverse building typologies to enable a broad spectrum of different developments and to ensure an even distribution of subsidised housing in the entire neighbourhood.

In the advanced design course each group will analyse an existing neighbourhood and examine different typologies in detail. The results will be presented to the entire course in a short presentation. The goal is to develop an extensive repertoire of residential typologies that can be used in the design course.

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: 20.02.2025

V

Advanced Urban Design Project Studies (Engel): Mapping the Urban Landscape of Pristina

1731161, WS 24/25, 1 SWS, Language: English, [Open in study portal](#)

On-Site

Content

Pristina faces many challenging urban issues: Uncontrolled construction activity, a growing housing shortage, an increase in social inequality, a deficit in green spaces, and the congestion of the transport infrastructure all characterize the capital of Kosovo. A lack of governance structures and weak institutions encourage corruption and illegal developments. Against this backdrop, we will research and analyze selected aspects in our in-depth study with the aim to critically evaluate and visualize Pristina's urban landscape through maps to support the work of the urban design studio. The results will be published in the form of an atlas.

Appointment: Thu

First Meeting: Thu 24.10.2024, 14:00, 11.40 R013

Submission/Exam: Thu 19.12.2024

Form: Teamwork (2)

Number of Participants: 15+2 (BA/MA)

The course can only be chosen in combination with the related design *Matiçan / Pristina. Transform for Resilience (Engel)* and is obligatory for it.

V**Advanced Urban Design Project Studies (Bava)**

1731211, WS 24/25, 1 SWS, Language: German, [Open in study portal](#)

On-Site**Content**

Attending the course is only possible for participants of the corresponding design project LV 1731210.

Appointment: Thu 9:00AM - 5:15 PM, 11.40, R126

T

4.91 Course: Urban Energy [T-ARCH-107410]

Responsible: Prof. Markus Nepl
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103669 - Urban Energy](#)


Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each winter term	1





T

4.92 Course: Urban Typologies [T-ARCH-107374]

Responsible: Prof. Markus Nepl
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103632 - Urban Typologies](#)

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each summer term	1

Events					
ST 2024	1731097	Urban Typologies: Architecture Journalism Workshop: We Write About Architecture	4 SWS	Seminar / 	Coenen

Legend:  Online,  Blended (On-Site/Online),  On-Site,  Cancelled

Competence Certificate

Other examination requirements consisting of an oral presentation of the work results (duration approx. 15 minutes).

Prerequisites

none

Below you will find excerpts from events related to this course:

V

Urban Typologies: Architecture Journalism Workshop: We Write About Architecture Seminar (S)
 1731097, SS 2024, 4 SWS, Language: German, [Open in study portal](#) **On-Site**
Content

The media report on architecture in different ways and forms. The seminar looks behind the scenes of newspaper editorial offices and provides information on the basics and practices of architectural journalism. After an introduction to the present and history of journalism in general and architectural journalism in particular, the seminar participants slip into the role of journalists. They research on-site under supervision and write articles about architecture, urban planning, and monument preservation. Journalistic forms of presentation such as interviews, reports, reportage, criticism, and portrait are practiced and illustrated with their photos.

Excursions are offered for the research. No previous knowledge is necessary.

Dates: <https://www.ulrichcoenen.de/SS24.htm>

First Meeting: 16.04.2024, 5:30 pm, Bldg.11.40, R015

Excursions: view the link above

Submission/Exam: 15.08.2023

Number of Participants: 10

Focus of study: Urban Design

T

4.93 Course: Virtual Engineering [T-ARCH-107360]

Responsible: Prof. Dr.-Ing. Petra von Both
Organisation: KIT Department of Architecture
Part of: [M-ARCH-103618 - Virtual Engineering](#)

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Each summer term	1

Events					
ST 2024	1720704	Virtual Engineering: Modern Tools for BIM - Basics	4 SWS	Lecture / Practice (/ ☞)	von Both, Sartorius
WT 24/25	1720704	Virtual Engineering: Modern Tools for BIM - Basics	2 SWS	Seminar / ☞	von Both, Schöner, Sartorius, Koch

Legend: Online, Blended (On-Site/Online), On-Site, Cancelled

Competence Certificate

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 events related to this course:

V

Virtual Engineering: Modern Tools for BIM - Basics

1720704, SS 2024, 4 SWS, Language: German/English, [Open in study portal](#)

**Lecture / Practice (VÜ)
Blended (On-Site/Online)**

Content

Five good reasons for architects to make their planning not only 3D but also BIM-compliant: Time savings when drawing, error avoidance, transparency in planning, cross-programme and building trade data readout of building planning and fast rendering. The current software is multidimensional and comes with many tools that minimise hard work and simplify communication with project participants.

The compact seminar provides an introduction to the current version of ARCHICAD and a brief introduction to rendering with Twinmotion. Within the framework of three units, the fundamentals of modelling, the use of modelling tools, controlling the display type of individual drawings, Layout design and basic requirements for working according to BIM are taught. The seminar takes place online. Previous knowledge is not necessary.

Prerequisites for participation are: An internet connection for the entire duration of the seminar. An MS Teams university account. The current version of ARCHICAD 27 and a Twinmotion Education version.

Schedule: Weekly 1.5h lecture with exercises. Weekly tutoring offer.

Submission: Exercise project file as *.pla, a plan as *.pdf and a rendering as *.jpg

Seminar + Exercises, the Seminar is given in German, supervision can take place in English and German

First Meeting: Friday, 19.04.2024, 09:45 am, Seminar Room BLM, Bldg. 20.40, R 118

Appointment: Fridays, 09:45-11:15 am, (Presence and Online)
12:00 am

Submission/Exam: Friday, 09.08.2024,

Supervision by arrangement in presence/online 09.08.2024 12:00 online

Number of Participants: 11 + 1 Erasmus

V

Virtual Engineering: Modern Tools for BIM - Basics

1720704, WS 24/25, 2 SWS, Language: German/English, [Open in study portal](#)

**Seminar (S)
Blended (On-Site/Online)**

Content

Five good reasons for architects to prepare their plans not only in 3D but also BIM-compliant: Saving time when drawing, avoiding errors, transparency in planning, being able to import building plans across programs and fast rendering.

The current software is multidimensional and comes with many tools that minimize hard work and simplify communication with project participants.

The seminar provides an introduction to the current version of ARCHICAD. The course covers the basics of modeling, how to use the modeling tools, how to control the display type of individual drawings, plan design and the basic requirements for working with BIM. The seminar takes place online. Previous knowledge is not necessary.

Prerequisites for participation are:

An internet connection for the entire duration of the seminar. An MS Teams university account. The current version of ARCHICAD.

Schedule: Weekly 1.5-hour lecture with exercises. Weekly supervision offer.

Submission: Exercise project file as *.pla, one plan as *.pdf

Two-week submission of CAD data, the work will be supervised and corrected.

Examination of a different kind: Planning elaboration (CAD file, PDF)

Weekly Appointments:

Regular (online): Mondays 11:30 am - 13:00 pm, online, MS Teams

Powerwork in Precence, Seminar Room "Grüne Grotte":

Mo 16.12.2024, 11:30 am -13:00 pm and Mo 03.02.2025, 11:30 am -13:00 pm

Supervision (online) by arrangement

First Appointment: Monday 10/21/2024, 11:30 am - 13:00 pm, Seminar Room of the BLM- Institute

Examination Date: Tuesday 03/04/2025, online

T

4.94 Course: Visit Lecture Series Master [T-ARCH-109978]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-105682 - Key Qualifications](#)

Type	Credits	Grading scale	Recurrence	Version
Completed coursework	1	pass/fail	Each term	1

Events					
ST 2024	1700000	Karlsruher Architekturvorträge "Skizzenwerk"		/	Hebel
WT 24/25	1700000	Karlsruhe Architecture Lectures		/	Engel

Legend: Online, Blended (On-Site/Online), On-Site, Cancelled

Below you will find excerpts from events related to this course:

V

Karlsruher Architekturvorträge "Skizzenwerk"

1700000, SS 2024, SWS, Language: German/English, [Open in study portal](#)

On-Site**Content**

Attendance of at least 15 lectures of the event series "Karlsruher Architektur-vorträge", "Vortragsreihe Kunstgeschichte", or "Baugeschichtliches Kolloquium" of the KIT Faculty of Architecture can be recognized with a credit point in the module Key Qualifications. For dates and program see homepage of the KIT Faculty.

V

Karlsruhe Architecture Lectures

1700000, WS 24/25, SWS, Language: German/English, [Open in study portal](#)

On-Site**Content**

Attendance of at least 15 lectures of the event series "Karlsruher Architektur-vorträge", "Vortragsreihe Kunstgeschichte", or "Baugeschichtliches Kolloquium" of the KIT Faculty of Architecture can be recognized with a credit point in the module Key Qualifications.

Date: Wed, from 7 pm, 20.40, Fritz-Haller-Hörsaal

For dates and program see homepage of the KIT Faculty:

<https://www.arch.kit.edu/architekturvortraege.php>

T

4.95 Course: Wildcard [T-ARCH-107420]**Organisation:** KIT Department of Architecture**Part of:** [M-ARCH-105682 - Key Qualifications](#)

Type	Credits	Grading scale	Recurrence	Version
Completed coursework	4	pass/fail	Each term	1

Prerequisites

none

T

4.96 Course: Workshop Impromptu Designs [T-ARCH-108459]

Responsible: Studiendekan/in Architektur
Organisation: KIT Department of Architecture
Part of: [M-ARCH-104079 - Workshop Impromptu Designs](#)

Type	Credits	Grading scale	Recurrence	Version
Examination of another type	4	Grade to a third	Irregular	1

Amtliche Bekanntmachung

2021

Ausgegeben Karlsruhe, den 05. März 2021

Nr. 11

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Studien- und Prüfungsordnung des Karlsruher Instituts für Technologie (KIT) für den Masterstudiengang Architektur

vom 04. März 2021

Aufgrund von § 10 Absatz 2 Ziff. 4 und § 20 Absatz 2 Satz 1 des Gesetzes über das Karlsruher Institut für Technologie (KIT-Gesetz - KITG) in der Fassung vom 14. Juli 2009 (GBl. S. 317 f), zuletzt geändert durch Artikel 1 des Zweiten Gesetz zur Weiterentwicklung des Karlsruher Instituts für Technologie (Zweites KIT-Weiterentwicklungsgesetz – 2- KIT-WG) vom 04. Februar 2021 (GBl. S. 83 ff.) und § 32 Absatz 3 Satz 1 des Gesetzes über die Hochschulen in Baden-Württemberg (Landeshochschulgesetz - LHG) in der Fassung vom 1. Januar 2005 (GBl. S. 1 f.) zuletzt geändert durch Artikel 1 des Vierten Hochschulrechtsänderungsgesetz (4. HRÄG) vom 17. Dezember 2020 (GBl. S. 1204 ff.), hat der Senat des KIT am 15. Februar 2021 die folgende Studien- und Prüfungsordnung für den Masterstudiengang Architektur beschlossen.

Der Präsident hat seine Zustimmung gemäß § 20 Absatz 2 Satz 1 KITG i.V.m. § 32 Absatz 3 Satz 1 LHG am 04. März 2021 erteilt.

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Präambel

Das KIT hat sich im Rahmen der Umsetzung des Bolognaprozesses zum Aufbau eines europäischen Hochschulraumes zum Ziel gesetzt, dass am Abschluss des Studiums am KIT der Mastergrad stehen soll. Das KIT sieht daher die am KIT angebotenen konsekutiven Bachelor- und Masterstudiengänge als Gesamtkonzept mit konsekutivem Curriculum.

I. Allgemeine Bestimmungen

§ 1 Geltungsbereich

Diese Masterprüfungsordnung regelt Studienablauf, Prüfungen und den Abschluss des Studiums im Masterstudiengang Architektur am KIT.

§ 2 Ziel des Studiums, akademischer Grad

(1) Im konsekutiven Masterstudium sollen die im Bachelorstudium erworbenen wissenschaftlichen Qualifikationen weiter vertieft, verbreitert, erweitert oder ergänzt werden. Ziel des Studiums ist die Fähigkeit, die wissenschaftlichen Erkenntnisse und Methoden selbstständig anzuwenden und ihre Bedeutung und Reichweite für die Lösung komplexer wissenschaftlicher und gesellschaftlicher Problemstellungen zu bewerten.

(2) Aufgrund der bestandenen Masterprüfung wird der akademische Grad „Master of Science (M.Sc.)“ für den Masterstudiengang Architektur verliehen.

§ 3 Regelstudienzeit, Studienaufbau, Leistungspunkte

(1) Die Regelstudienzeit beträgt vier Semester.

(2) Das Lehrangebot des Studiengangs ist in Fächer, die Fächer sind in Module, die jeweiligen Module in Lehrveranstaltungen gegliedert. Die Fächer und ihr Umfang werden in § 19 festgelegt. Näheres beschreibt das Modulhandbuch.

(3) Der für das Absolvieren von Lehrveranstaltungen und Modulen vorgesehene Arbeitsaufwand wird in Leistungspunkten (LP) ausgewiesen. Die Maßstäbe für die Zuordnung von Leistungspunkten entsprechen dem European Credit Transfer System (ECTS). Ein Leistungspunkt entspricht einem Arbeitsaufwand von etwa 30 Zeitstunden. Die Verteilung der Leistungspunkte auf die Semester hat in der Regel gleichmäßig zu erfolgen.

(4) Der Umfang der für den erfolgreichen Abschluss des Studiums erforderlichen Studien- und Prüfungsleistungen wird in Leistungspunkten gemessen und beträgt insgesamt 120 Leistungspunkte.

(5) Lehrveranstaltungen werden nach vorheriger Ankündigung auch in englischer Sprache angeboten.

§ 4 Modulprüfungen, Studien- und Prüfungsleistungen

(1) Die Masterprüfung besteht aus Modulprüfungen. Modulprüfungen bestehen aus einer oder mehreren Erfolgskontrollen.

Erfolgskontrollen gliedern sich in Studien- oder Prüfungsleistungen.

(2) Prüfungsleistungen sind:

1. schriftliche Prüfungen,
2. mündliche Prüfungen oder
3. Prüfungsleistungen anderer Art.

(3) Studienleistungen sind schriftliche, mündliche oder praktische Leistungen, die von den Studierenden in der Regel Lehrveranstaltungsbegleitend erbracht werden.

(4) Von den Modulprüfungen sollen mindestens 70 % benotet sein.

(5) Bei sich ergänzenden Inhalten können die Modulprüfungen mehrerer Module durch eine auch modulübergreifende Prüfungsleistung (Absatz 2 Nr.1 bis 3) ersetzt werden.

§ 5 Anmeldung und Zulassung zu den Modulprüfungen und Lehrveranstaltungen

(1) Um an den Modulprüfungen teilnehmen zu können, müssen sich die Studierenden online im Studierendenportal zu den jeweiligen Erfolgskontrollen anmelden. In Ausnahmefällen kann eine Anmeldung schriftlich im Studierendenservice oder in einer anderen, vom Studierendenservice autorisierten Einrichtung erfolgen. Für die Erfolgskontrollen können durch die Prüfenden Anmeldefristen festgelegt werden. Auch die Anmeldung der Masterarbeit erfolgt im Studierendenportal, näheres ist im Modulhandbuch geregelt.

(2) Sofern Wahlmöglichkeiten bestehen, müssen Studierende, um zu einer Prüfung in einem bestimmten Modul zugelassen zu werden, vor der ersten Prüfung in diesem Modul mit der Anmeldung zu der Prüfung eine bindende Erklärung über die Wahl des betreffenden Moduls und dessen Zuordnung zu einem Fach abgeben. Auf Antrag des/der Studierenden an den Prüfungsausschuss kann die Wahl oder die Zuordnung nachträglich geändert werden.

(3) Zu einer Erfolgskontrolle ist zuzulassen, wer

1. in den Masterstudiengang Architektur am KIT eingeschrieben ist; die Zulassung beurlaubter Studierender ist auf Prüfungsleistungen gemäß § 14 Abs. 7 Satz 1 der Zulassungs- und Immatrikulationsordnung beschränkt; und
2. nachweist, dass er die im Modulhandbuch für die Zulassung zu einer Erfolgskontrolle festgelegten Voraussetzungen erfüllt und
3. nachweist, dass er in dem Masterstudiengang Architektur den Prüfungsanspruch nicht verloren hat.

(4) Nach Maßgabe von § 30 Abs. 5 LHG kann die Zulassung zu einzelnen Pflichtveranstaltungen beschränkt werden. Der/die Prüfende entscheidet über die Auswahl unter den Studierenden, die sich rechtzeitig bis zu dem von dem/der Prüfenden festgesetzten Termin angemeldet haben unter Berücksichtigung des Studienfortschritts dieser Studierenden und unter Beachtung von § 13 Abs. 1 Satz 1 und 2, sofern ein Abbau des Überhangs durch andere oder zusätzliche Veranstaltungen nicht möglich ist. Für den Fall gleichen Studienfortschritts sind durch die KIT-Fakultäten weitere Kriterien festzulegen. Das Ergebnis wird den Studierenden rechtzeitig bekannt gegeben.

(5) Die Zulassung ist zu versagen, wenn die in Absatz 3 und 4 genannten Voraussetzungen nicht erfüllt sind. Die Zulassung kann versagt werden, wenn die betreffende Erfolgskontrolle bereits in einem grundständigen Bachelorstudiengang am KIT erbracht wurde, der Zulassungsvoraussetzung für diesen Masterstudiengang gewesen ist. Dies gilt nicht für bereits erbrachte Mastervorzugsleistungen. Zu diesen ist eine Zulassung nach Maßgabe von Satz 1 ausdrücklich zu genehmigen.

§ 6 Durchführung von Erfolgskontrollen

(1) Erfolgskontrollen werden studienbegleitend, in der Regel im Verlauf der Vermittlung der Lehrinhalte der einzelnen Module oder zeitnah danach, durchgeführt.

(2) Die Art der Erfolgskontrolle (§ 4 Abs. 2 Nr. 1 bis 3, Abs. 3) wird von der/dem Prüfenden der betreffenden Lehrveranstaltung in Bezug auf die Lerninhalte der Lehrveranstaltung und die Qualifikationsziele des Moduls festgelegt. Die Art der Erfolgskontrolle, ihre Häufigkeit, Reihenfolge und Gewichtung sowie gegebenenfalls die Bildung der Modulnote müssen mindestens sechs Wochen vor Vorlesungsbeginn im Modulhandbuch bekannt gemacht werden. Im Einvernehmen von Prüfendem/Prüfender und Studierender bzw. Studierendem können die Art der Prüfungsleistung sowie die Prüfungssprache auch nachträglich geändert werden; im ersten Fall ist jedoch § 4 Abs. 4 zu berücksichtigen. Bei der Prüfungsorganisation sind die Belange Studierender mit Behinderung oder chronischer Erkrankung gemäß § 13 Abs. 1 zu berücksichtigen. § 13 Abs. 1 Satz 3 und 4 gelten entsprechend.

(3) Bei unverhältnismäßig hohem Prüfungsaufwand kann eine schriftlich durchzuführende Prüfungsleistung auch mündlich, oder eine mündlich durchzuführende Prüfungsleistung auch schriftlich abgenommen werden. Diese Änderung muss mindestens sechs Wochen vor der Prüfungsleistung bekannt gegeben werden.

(4) Bei Lehrveranstaltungen in englischer Sprache (§ 3 Abs. 6) können die entsprechenden Erfolgskontrollen in dieser Sprache abgenommen werden. § 6 Abs. 2 gilt entsprechend.

(5) *Schriftliche Prüfungen* (§ 4 Abs. 2 Nr. 1) sind in der Regel von einer/einem Prüfenden nach § 18 Abs. 2 oder 3 zu bewerten. Sofern eine Bewertung durch mehrere Prüfende erfolgt, ergibt sich die Note aus dem arithmetischen Mittel der Einzelbewertungen. Entspricht das arithmetische Mittel keiner der in § 7 Abs. 2 Satz 2 definierten Notenstufen, so ist auf die nächstliegende Notenstufe auf- oder abzurunden. Bei gleichem Abstand ist auf die nächstbessere Notenstufe zu runden. Das Bewertungsverfahren soll sechs Wochen nicht überschreiten. Schriftliche Prüfungen dauern mindestens 60 und höchstens 300 Minuten.

(6) *Mündliche Prüfungen* (§ 4 Abs. 2 Nr. 2) sind von mehreren Prüfenden (Kollegialprüfung) oder von einer/einem Prüfenden in Gegenwart einer oder eines Beisitzenden als Gruppen- oder Einzelprüfungen abzunehmen und zu bewerten. Vor der Festsetzung der Note hört die/der Prüfende die anderen an der Kollegialprüfung mitwirkenden Prüfenden an. Mündliche Prüfungen dauern in der Regel mindestens 15 Minuten und maximal 60 Minuten pro Studierenden.

Die wesentlichen Gegenstände und Ergebnisse der *mündlichen Prüfung* sind in einem Protokoll festzuhalten. Das Ergebnis der Prüfung ist den Studierenden im Anschluss an die mündliche Prüfung bekannt zu geben.

Studierende, die sich in einem späteren Semester der gleichen Prüfung unterziehen wollen, werden entsprechend den räumlichen Verhältnissen und nach Zustimmung des Prüflings als Zuhörerinnen und Zuhörer bei mündlichen Prüfungen zugelassen. Die Zulassung erstreckt sich nicht auf die Beratung und Bekanntgabe der Prüfungsergebnisse.

(7) Für *Prüfungsleistungen anderer Art* (§ 4 Abs. 2 Nr. 3) sind angemessene Bearbeitungsfristen einzuräumen und Abgabetermine festzulegen. Dabei ist durch die Art der Aufgabenstellung und durch entsprechende Dokumentation sicherzustellen, dass die erbrachte Prüfungsleistung dem/der Studierenden zurechenbar ist. Die wesentlichen Gegenstände und Ergebnisse der Erfolgskontrolle sind in einem Protokoll festzuhalten.

Bei *mündlich* durchgeführten *Prüfungsleistungen anderer Art* muss neben der/dem Prüfenden ein/e Beisitzende/r anwesend sein, die/der zusätzlich zum/zur Prüfenden das Protokoll zeichnet.

Schriftliche und/oder zeichnerische Arbeiten im Rahmen einer *Prüfungsleistung anderer Art* haben dabei die folgende Erklärung zu tragen: „Ich versichere wahrheitsgemäß, die Arbeit selbstständig angefertigt, alle benutzten Hilfsmittel vollständig und genau angegeben und alles kenntlich gemacht zu haben, was aus Arbeiten anderer unverändert oder mit Abände-

rungen entnommen wurde.“ Trägt die Arbeit diese Erklärung nicht, wird sie nicht angenommen. Die wesentlichen Gegenstände und Ergebnisse einer solchen Erfolgskontrolle sind in einem Protokoll festzuhalten.

§ 6 a Erfolgskontrollen im Antwort-Wahl-Verfahren

Für die Durchführung von Erfolgskontrollen im Antwort-Wahl-Verfahren findet die Satzung des Karlsruher Instituts für Technologie (KIT) zur Durchführung von Erfolgskontrollen im Antwort-Wahl-Verfahren in der jeweils gültigen Fassung Anwendung.

§ 6 b Computergestützte Erfolgskontrollen

(1) Erfolgskontrollen können computergestützt durchgeführt werden. Dabei wird die Antwort bzw. Lösung der/des Studierenden elektronisch übermittelt und, sofern möglich, automatisiert ausgewertet. Die Prüfungsinhalte sind von einer/einem Prüfenden zu erstellen.

(2) Vor der computergestützten Erfolgskontrolle hat die/der Prüfende sicherzustellen, dass die elektronischen Daten eindeutig identifiziert und unverwechselbar und dauerhaft den Studierenden zugeordnet werden können. Der störungsfreie Verlauf einer computergestützten Erfolgskontrolle ist durch entsprechende technische Betreuung zu gewährleisten, insbesondere ist die Erfolgskontrolle in Anwesenheit einer fachlich sachkundigen Person durchzuführen. Alle Prüfungsaufgaben müssen während der gesamten Bearbeitungszeit zur Bearbeitung zur Verfügung stehen.

(3) Im Übrigen gelten für die Durchführung von computergestützten Erfolgskontrollen die §§ 6 bzw. 6 a.

§ 7 Bewertung von Studien- und Prüfungsleistungen

(1) Das Ergebnis einer Prüfungsleistung wird von den jeweiligen Prüfenden in Form einer Note festgesetzt.

(2) Folgende Noten sollen verwendet werden:

sehr gut (very good)	:	hervorragende Leistung,
gut (good)	:	eine Leistung, die erheblich über den durchschnittlichen Anforderungen liegt,
befriedigend (satisfactory)	:	eine Leistung, die durchschnittlichen Anforderungen entspricht,
ausreichend (sufficient)	:	eine Leistung, die trotz ihrer Mängel noch den Anforderungen genügt,
nicht ausreichend (failed)	:	eine Leistung, die wegen erheblicher Mängel nicht den Anforderungen genügt.

Zur differenzierten Bewertung einzelner Prüfungsleistungen sind nur folgende Noten zugelassen:

1,0; 1,3	:	sehr gut
1,7; 2,0; 2,3	:	gut
2,7; 3,0; 3,3	:	befriedigend
3,7; 4,0	:	ausreichend
5,0	:	nicht ausreichend

- (3) Studienleistungen werden mit „bestanden“ oder mit „nicht bestanden“ gewertet.
- (4) Bei der Bildung der gewichteten Durchschnitte der Modulnoten, der Fachnoten und der Gesamtnote wird nur die erste Dezimalstelle hinter dem Komma berücksichtigt; alle weiteren Stellen werden ohne Rundung gestrichen.
- (5) Jedes Modul und jede Erfolgskontrolle darf in demselben Studiengang nur einmal gewertet werden.
- (6) Eine Prüfungsleistung ist bestanden, wenn die Note mindestens „ausreichend“ (4,0) ist.
- (7) Die Modulprüfung ist bestanden, wenn alle erforderlichen Erfolgskontrollen bestanden sind. Die Modulprüfung und die Bildung der Modulnote sollen im Modulhandbuch geregelt werden. Sofern das Modulhandbuch keine Regelung über die Bildung der Modulnote enthält, errechnet sich die Modulnote aus einem nach den Leistungspunkten der einzelnen Teilmodule gewichteten Notendurchschnitt. Die differenzierten Noten (Absatz 2) sind bei der Berechnung der Modulnoten als Ausgangsdaten zu verwenden.
- (8) Die Ergebnisse der Erfolgskontrollen sowie die erworbenen Leistungspunkte werden durch den Studierendenservice des KIT verwaltet.
- (9) Die Noten der Module eines Faches gehen in die Fachnote mit einem Gewicht proportional zu den ausgewiesenen Leistungspunkten der Module ein.
- (10) Die Gesamtnote der Masterprüfung, die Fachnoten und die Modulnoten lauten:

bis 1,5	=	sehr gut
von 1,6 bis 2,5	=	gut
von 2,6 bis 3,5	=	befriedigend
von 3,6 bis 4,0	=	ausreichend

§ 8 Wiederholung von Erfolgskontrollen, endgültiges Nichtbestehen

- (1) Studierende können eine nicht bestandene schriftliche Prüfung (§ 4 Absatz 2 Nr. 1) einmal wiederholen. Wird eine schriftliche Wiederholungsprüfung mit „nicht ausreichend“ (5,0) bewertet, so findet eine mündliche Nachprüfung im zeitlichen Zusammenhang mit dem Termin der nicht bestandenen Prüfung statt. In diesem Falle kann die Note dieser Prüfung nicht besser als „ausreichend“ (4,0) sein.
- (2) Studierende können eine nicht bestandene mündliche Prüfung (§ 4 Absatz 2 Nr. 2) einmal wiederholen.
- (3) Wiederholungsprüfungen nach Absatz 1 und 2 müssen in Inhalt, Umfang und Form (mündlich oder schriftlich) der ersten entsprechen. Ausnahmen kann der zuständige Prüfungsausschuss auf Antrag zulassen.
- (4) Prüfungsleistungen anderer Art (§ 4 Absatz 2 Nr. 3) können einmal wiederholt werden.
- (5) Studienleistungen können mehrfach wiederholt werden.
- (6) Die Prüfungsleistung ist endgültig nicht bestanden, wenn die mündliche Nachprüfung im Sinne des Absatzes 1 mit „nicht ausreichend“ (5,0) bewertet wurde. Die Prüfungsleistung ist ferner endgültig nicht bestanden, wenn die mündliche Prüfung im Sinne des Absatzes 2 oder die Prüfungsleistung anderer Art gemäß Absatz 4 zweimal mit „nicht bestanden“ bewertet wurde.
- (7) Das Modul ist endgültig nicht bestanden, wenn eine für sein Bestehen erforderliche Prüfungsleistung endgültig nicht bestanden ist.
- (8) Eine zweite Wiederholung derselben Prüfungsleistung gemäß § 4 Abs. 2 ist nur in Aus-

nahmefällen auf Antrag des/der Studierenden zulässig („Antrag auf Zweitwiederholung“). Der Antrag ist schriftlich beim Prüfungsausschuss in der Regel bis zwei Monate nach Bekanntgabe der Note zu stellen.

Über den ersten Antrag eines/einer Studierenden auf Zweitwiederholung entscheidet der Prüfungsausschuss, wenn er den Antrag genehmigt. Wenn der Prüfungsausschuss diesen Antrag ablehnt, entscheidet ein Mitglied des Präsidiums. Über weitere Anträge auf Zweitwiederholung entscheidet nach Stellungnahme des Prüfungsausschusses ein Mitglied des Präsidiums. Wird der Antrag genehmigt, hat die Zweitwiederholung spätestens zum übernächsten Prüfungstermin zu erfolgen. Absatz 1 Satz 2 und 3 gelten entsprechend.

(9) Die Wiederholung einer bestandenen Prüfungsleistung ist nicht zulässig.

(10) Die Masterarbeit kann bei einer Bewertung mit „nicht ausreichend“ (5,0) einmal wiederholt werden. Eine zweite Wiederholung der Masterarbeit ist ausgeschlossen.

§ 9 Verlust des Prüfungsanspruchs

Ist eine nach dieser Studien- und Prüfungsordnung erforderliche Studien- oder Prüfungsleistung endgültig nicht bestanden oder die Masterprüfung bis zum Ende des Prüfungszeitraums des achten Fachsemesters einschließlich etwaiger Wiederholungen nicht vollständig abgelegt, so erlischt der Prüfungsanspruch im Studiengang Architektur, es sei denn, dass die Fristüberschreitung nicht selbst zu vertreten ist. Die Entscheidung über eine Fristverlängerung und über Ausnahmen von der Fristregelung trifft der Prüfungsausschuss unter Beachtung der in § 32 Abs. 6 LHG genannten Tätigkeiten auf Antrag des/der Studierenden. Der Antrag ist schriftlich in der Regel bis sechs Wochen vor Ablauf der Frist zu stellen.

§ 10 Abmeldung; Versäumnis, Rücktritt

(1) Studierende können ihre Anmeldung zu *schriftlichen Prüfungen* ohne Angabe von Gründen bis zur Ausgabe der Prüfungsaufgaben widerrufen (Abmeldung). Eine Abmeldung kann online im Studierendenportal bis 24:00 Uhr des Vortages der Prüfung oder in begründeten Ausnahmefällen beim Studierendenservice innerhalb der Geschäftszeiten erfolgen. Danach ist eine Abmeldung nur direkt bei der Prüferin/dem Prüfer möglich. Erfolgt die Abmeldung gegenüber dem/der Prüfenden, hat diese/r Sorge zu tragen, dass die Abmeldung im Studierendenportal verbucht wird.

(2) Bei *mündlichen Prüfungen* muss die Abmeldung spätestens sieben Werktage vor dem betreffenden Prüfungstermin gegenüber dem/der Prüfenden erklärt werden. Der Rücktritt von einer mündlichen Prüfung weniger als sieben Werktage vor dem betreffenden Prüfungstermin ist nur unter den Voraussetzungen des Absatzes 5 möglich. Der Rücktritt von mündlichen Nachprüfungen im Sinne von § 9 Abs. 1 ist grundsätzlich nur unter den Voraussetzungen von Absatz 5 möglich.

(3) Die Abmeldung von *Prüfungsleistungen anderer Art* hat in der Regel bis sechs Wochen nach Beginn der zugehörigen Lehrveranstaltung zu erfolgen. Die Abmeldung von *Studienleistungen* ist im Modulhandbuch geregelt.

(4) Eine Erfolgskontrolle gilt als mit „nicht ausreichend“ (5,0) bewertet, wenn die Studierenden einen Prüfungstermin ohne triftigen Grund versäumen oder wenn sie nach Beginn der Erfolgskontrolle ohne triftigen Grund von dieser zurücktreten. Dasselbe gilt, wenn die Masterarbeit nicht innerhalb der vorgesehenen Bearbeitungszeit erbracht wird, es sei denn, der/die Studierende hat die Fristüberschreitung nicht zu vertreten.

(5) Der für den Rücktritt nach Beginn der Erfolgskontrolle oder das Versäumnis geltend gemachte Grund muss dem Prüfungsausschuss unverzüglich schriftlich angezeigt und glaubhaft gemacht werden. Bei Krankheit des/der Studierenden oder eines allein zu versorgenden Kindes oder pflegebedürftigen Angehörigen kann die Vorlage eines ärztlichen Attestes verlangt werden.

§ 11 Täuschung, Ordnungsverstoß

(1) Versuchen Studierende das Ergebnis ihrer Erfolgskontrolle durch Täuschung oder Benutzung nicht zugelassener Hilfsmittel zu beeinflussen, gilt die betreffende Erfolgskontrolle als mit „nicht ausreichend“ (5,0) bewertet.

(2) Studierende, die den ordnungsgemäßen Ablauf einer Erfolgskontrolle stören, können von der/dem Prüfenden oder der Aufsicht führenden Person von der Fortsetzung der Erfolgskontrolle ausgeschlossen werden. In diesem Fall gilt die betreffende Erfolgskontrolle als mit „nicht ausreichend“ (5,0) bewertet. In schwerwiegenden Fällen kann der Prüfungsausschuss diese Studierenden von der Erbringung weiterer Erfolgskontrollen ausschließen.

(3) Näheres regelt die Allgemeine Satzung des KIT zur Redlichkeit bei Prüfungen und Praktika in der jeweils gültigen Fassung.

§ 12 Mutterschutz, Elternzeit, Wahrnehmung von Familienpflichten

(1) Es gelten die Vorschriften des Gesetzes zum Schutz von Müttern bei der Arbeit, in der Ausbildung und im Studium (Mutterschutzgesetz – MuSchG) in seiner jeweils geltenden Fassung. Die Mutterschutzfristen unterbrechen jede Frist nach dieser Prüfungsordnung. Die Dauer des Mutterschutzes wird nicht in die Frist eingerechnet.

(2) Gleichfalls sind die Fristen der Elternzeit nach Maßgabe des jeweils gültigen Gesetzes (Bundeselterngeld- und Elternzeitgesetz - BEEG) auf Antrag zu berücksichtigen. Der/die Studierende muss bis spätestens vier Wochen vor dem Zeitpunkt, von dem an die Elternzeit angetreten werden soll, dem Prüfungsausschuss, unter Beifügung der erforderlichen Nachweise schriftlich mitteilen, in welchem Zeitraum die Elternzeit in Anspruch genommen werden soll. Der Prüfungsausschuss hat zu prüfen, ob die gesetzlichen Voraussetzungen vorliegen, die bei einer Arbeitnehmerin bzw. einem Arbeitnehmer den Anspruch auf Elternzeit auslösen würden, und teilt dem/der Studierenden das Ergebnis sowie die neu festgesetzten Prüfungszeiten unverzüglich mit. Die Bearbeitungszeit der Masterarbeit kann nicht durch Elternzeit unterbrochen werden. Die gestellte Arbeit gilt als nicht vergeben. Nach Ablauf der Elternzeit erhält der/die Studierende ein neues Thema, das innerhalb der in § 14 festgelegten Bearbeitungszeit zu bearbeiten ist.

(3) Der Prüfungsausschuss entscheidet auf Antrag über die flexible Handhabung von Prüfungsfristen entsprechend den Bestimmungen des Landeshochschulgesetzes, wenn Studierende Familienpflichten wahrzunehmen haben. Absatz 2 Satz 4 bis 6 gelten entsprechend.

§ 13 Studierende mit Behinderung oder chronischer Erkrankung

(1) Bei der Gestaltung und Organisation des Studiums sowie der Prüfungen sind die Belange von Studierenden mit Behinderung oder chronischer Erkrankung zu berücksichtigen. Insbesondere ist Studierenden mit Behinderung oder chronischer Erkrankung bevorzugter Zugang zu teilnahmebegrenzten Lehrveranstaltungen zu gewähren und die Reihenfolge für das Absolvieren bestimmter Lehrveranstaltungen entsprechend ihrer Bedürfnisse anzupassen. Studierende sind gemäß Bundesgleichstellungsgesetz (BGG) und Sozialgesetzbuch Neuntes Buch (SGB IX) behindert, wenn ihre körperliche Funktion, geistige Fähigkeit oder seelische Gesundheit mit hoher Wahrscheinlichkeit länger als sechs Monate von dem für das Lebensalter typischen Zustand abweichen und daher ihre Teilhabe am Leben in der Gesellschaft beeinträchtigt ist. Der Prüfungsausschuss entscheidet auf Antrag der/des Studierenden über das Vorliegen der Voraussetzungen nach Satz 2 und 3. Die/der Studierende hat die entsprechenden Nachweise vorzulegen.

(2) Weisen Studierende eine Behinderung oder chronische Erkrankung nach und folgt daraus, dass sie nicht in der Lage sind, Erfolgskontrollen ganz oder teilweise in der vorgeschriebenen Zeit oder Form abzulegen, kann der Prüfungsausschuss gestatten, die Erfolgskontrollen in einem anderen Zeitraum oder einer anderen Form zu erbringen. Insbesondere ist Studierenden mit Behinderung oder chronischer Erkrankung zu gestatten, notwendige Hilfsmittel zu benutzen.

(3) Weisen Studierende eine Behinderung oder chronische Erkrankung nach und folgt daraus, dass sie nicht in der Lage sind, die Lehrveranstaltungen regelmäßig zu besuchen oder die gemäß § 19 erforderlichen Studien- und Prüfungsleistungen zu erbringen, kann der Prüfungsausschuss auf Antrag gestatten, dass einzelne Studien- und Prüfungsleistungen nach Ablauf der in dieser Studien- und Prüfungsordnung vorgesehenen Fristen absolviert werden können.

§ 14 Modul Masterarbeit

(1) Voraussetzung für die Zulassung zum Modul Masterarbeit ist, dass die/der Studierende Modulprüfungen im Umfang von zumindest 86 LP erfolgreich abgelegt hat. Über Ausnahmen entscheidet der Prüfungsausschuss auf Antrag der/des Studierenden.

(1 a) Dem Modul Masterarbeit sind 30 LP zugeordnet. Es besteht aus der Masterarbeit und einer Präsentation. Die Bearbeitung und Präsentation hat nach dem vom Prüfungsausschuss vorgegebenen Zeitplan zu erfolgen. Dieser für alle Studierende einheitliche Zeitplan wird mit der Masterarbeit ausgegeben.

(2) Die Masterarbeit ist ein architektonischer Entwurf mit begleitender wissenschaftlicher Ausarbeitung. Näheres regelt das Modulhandbuch. Das Thema der Masterarbeit kann von Hochschullehrer/innen und leitenden Wissenschaftler/innen gemäß § 14 Abs. 3 Ziff. 1 KITG vergeben werden. Darüber hinaus kann der Prüfungsausschuss weitere Prüfende gemäß § 17 Abs. 2 und 3 zur Vergabe des Themas berechtigen. Den Studierenden ist Gelegenheit zu geben, für das Thema Vorschläge zu machen. Art und Weise sowie Ausübung des Vorschlagsrechts regelt das Modulhandbuch. Soll die Masterarbeit außerhalb der KIT-Fakultät für Architektur angefertigt werden, so bedarf dies der Genehmigung durch den Prüfungsausschuss. Die Masterarbeit kann auch in Form einer Gruppenarbeit zugelassen werden, wenn der als Prüfungsleistung zu bewertende Beitrag der einzelnen Studierenden aufgrund objektiver Kriterien, die eine eindeutige Abgrenzung ermöglichen, deutlich unterscheidbar ist und die Anforderung nach Absatz 4 erfüllt. In Ausnahmefällen sorgt die/der Vorsitzende des Prüfungsausschusses auf Antrag der oder des Studierenden dafür, dass die/der Studierende innerhalb von vier Wochen ein Thema für die Masterarbeit erhält. Die Ausgabe des Themas erfolgt in diesem Fall über die/den Vorsitzende/n des Prüfungsausschusses.

(3) Thema, Aufgabenstellung und Umfang der Masterarbeit sind von dem /der Prüfenden so zu begrenzen, dass sie mit dem in Absatz 4 festgelegten Arbeitsaufwand bearbeitet werden kann.

(4) Die Masterarbeit soll zeigen, dass die Studierenden in der Lage sind, ein Problem aus ihrem Studienfach selbstständig und in begrenzter Zeit nach wissenschaftlichen, gestalterischen, konstruktiv-technischen, theoretisch-historischen, städtebaulichen, organisatorischen und entwerferischen Methoden zu bearbeiten. Die maximale Bearbeitungsdauer beträgt 23 Wochen. Thema und Aufgabenstellung sind an den vorgesehenen Umfang anzupassen. Der Prüfungsausschuss legt fest, in welchen Sprachen die Masterarbeit geschrieben werden kann. Auf Antrag des Studierenden kann der/die Prüfende genehmigen, dass die Masterarbeit in einer anderen Sprache als Deutsch geschrieben wird.

(5) Bei der Abgabe der Masterarbeit haben die Studierenden schriftlich zu versichern, dass sie die Arbeit selbstständig verfasst und keine anderen als die angegebenen Quellen und Hilfsmittel benutzt haben, die wörtlich oder inhaltlich übernommenen Stellen als solche kenntlich gemacht und die Satzung des KIT zur Sicherung guter wissenschaftlicher Praxis in

der jeweils gültigen Fassung beachtet haben. Wenn diese Erklärung nicht enthalten ist, wird die Arbeit nicht angenommen. Die Erklärung lautet wie folgt: „Ich versichere wahrheitsgemäß, die Arbeit selbstständig verfasst, alle benutzten Hilfsmittel vollständig und genau angegeben und alles kenntlich gemacht zu haben, was aus Arbeiten anderer unverändert oder mit Abänderungen entnommen wurde sowie die Satzung des KIT zur Sicherung guter wissenschaftlicher Praxis in der jeweils gültigen Fassung beachtet zu haben.“ Bei Abgabe einer unwahren Versicherung wird die Masterarbeit mit „nicht ausreichend“ (5,0) bewertet.

(6) Der Zeitpunkt der Ausgabe des Themas der Masterarbeit ist durch einen der Prüfenden und die/den Studierenden festzuhalten und dies beim Prüfungsausschuss aktenkundig zu machen. Der Zeitpunkt der Abgabe der Masterarbeit ist durch den/die Prüfende/n beim Prüfungsausschuss aktenkundig zu machen. Das Thema kann nur einmal und nur innerhalb des ersten Monats der Bearbeitungszeit zurückgegeben werden. Macht der oder die Studierende einen triftigen Grund geltend, kann der Prüfungsausschuss die in Absatz 4 festgelegte Bearbeitungszeit auf Antrag der oder des Studierenden um höchstens drei Monate verlängern. Wird die Masterarbeit nicht fristgerecht abgeliefert, gilt sie als mit „nicht ausreichend“ (5,0) bewertet, es sei denn, dass die Studierenden dieses Versäumnis nicht zu vertreten haben.

(7) Die Masterarbeit wird von zwei Hochschullehrern/innen, habilitierten Mitgliedern einer KIT- Fakultät oder leitenden Wissenschaftler/in gemäß § 14 Abs. 3 Ziff. 1 KITG bewertet. In der Regel ist eine/r der Prüfenden die Person, die die Arbeit gemäß Absatz 2 vergeben hat. Bei nicht übereinstimmender Beurteilung dieser beiden Personen setzt der Prüfungsausschuss im Rahmen der Bewertung dieser beiden Personen die Note der Masterarbeit fest; er kann auch einen weiteren Gutachter bestellen. Die Bewertung hat innerhalb von acht Wochen nach Abgabe der Masterarbeit zu erfolgen.

§ 15 Zusatzleistungen

(1) Es können auch weitere Leistungspunkte (Zusatzleistungen) im Umfang von höchstens 30 LP aus dem Gesamtangebot des KIT erworben werden. § 3 und § 4 der Prüfungsordnung bleiben davon unberührt. Diese Zusatzleistungen gehen nicht in die Festsetzung der Gesamt- und Modulnoten ein. Die bei der Festlegung der Modulnote nicht berücksichtigten LP werden als Zusatzleistungen im Transcript of Records aufgeführt und als Zusatzleistungen gekennzeichnet. Auf Antrag der/des Studierenden werden die Zusatzleistungen in das Masterzeugnis aufgenommen und als Zusatzleistungen gekennzeichnet. Zusatzleistungen werden mit den nach § 7 vorgesehenen Noten gelistet.

(2) Die Studierenden haben bereits bei der Anmeldung zu einer Prüfung in einem Modul diese als Zusatzleistung zu deklarieren. Auf Antrag der Studierenden kann die Zuordnung des Moduls später geändert werden.

§ 15 a Überfachliche Qualifikationen

Neben der Vermittlung von fachlichen Qualifikationen legt das KIT Wert auf überfachliche Qualifikationen. Diese sind im Umfang von 6 LP Bestandteil des Masterstudiengangs Architektur. Überfachliche Qualifikationen können additiv oder integrativ vermittelt werden.

§ 16 Prüfungsausschuss

(1) Für den Masterstudiengang Architektur wird ein Prüfungsausschuss gebildet. Er besteht aus fünf stimmberechtigten Mitgliedern: drei Hochschullehrer/innen / leitenden Wissenschaftler/innen gemäß § 14 Abs. 3 Ziff. 1 KITG / Privatdozentinnen bzw. -dozenten, zwei akademischen Mitarbeiterinnen und Mitarbeitern nach § 52 LHG / wissenschaftlichen Mitarbeiter/innen gemäß § 14 Abs. 3 Ziff. 2 KITG und einer bzw. einem Studierenden mit beratender Stimme. Im Falle der Einrichtung eines gemeinsamen Prüfungsausschusses für den Bachelor- und den Masterstudiengang Architektur erhöht sich die Anzahl der Studierenden auf zwei Mitglieder mit beratender Stimme, wobei je eine bzw. einer dieser Beiden aus dem Ba-

chelor- und aus dem Masterstudiengang stammt. Die Amtszeit der nichtstudentischen Mitglieder beträgt zwei Jahre, die des studentischen Mitglieds ein Jahr.

(2) Die/der Vorsitzende, ihre/sein Stellvertreter/in, die weiteren Mitglieder des Prüfungsausschusses sowie deren Stellvertreter/innen werden von dem KIT-Fakultätsrat bestellt, die akademischen Mitarbeiter/innen nach § 52 LHG, die wissenschaftlichen Mitarbeiter gemäß § 14 Abs. 3 Ziff. 2 KITG und die Studierenden auf Vorschlag der Mitglieder der jeweiligen Gruppe; Wiederbestellung ist möglich. Die/der Vorsitzende und deren/dessen Stellvertreter/in müssen Hochschullehrer/innen oder leitende Wissenschaftler/innen § 14 Abs. 3 Ziff. 1 KITG sein. Die/der Vorsitzende des Prüfungsausschusses nimmt die laufenden Geschäfte wahr und wird durch das Studiendekanat der KIT-Fakultät für Architektur unterstützt.

(3) Der Prüfungsausschuss achtet auf die Einhaltung der Bestimmungen dieser Studien- und Prüfungsordnung und fällt die Entscheidungen in Prüfungsangelegenheiten. Er entscheidet über die Anerkennung von Studienzeiten sowie Studien- und Prüfungsleistungen und trifft die Feststellung gemäß § 18 Absatz 1 Satz 1. Er berichtet der KIT-Fakultät regelmäßig über die Entwicklung der Prüfungs- und Studienzeiten, einschließlich der Bearbeitungszeiten für die Masterarbeiten und die Verteilung der Modul- und Gesamtnoten. Er ist zuständig für Anregungen zur Reform der Studien- und Prüfungsordnung und zu Modulbeschreibungen. Der Prüfungsausschuss entscheidet mit der Mehrheit seiner Stimmen. Bei Stimmengleichheit entscheidet die/der Vorsitzende des Prüfungsausschusses.

(4) Der Prüfungsausschuss kann die Erledigung seiner Aufgaben für alle Regelfälle auf die/den Vorsitzende/n des Prüfungsausschusses übertragen. In dringenden Angelegenheiten, deren Erledigung nicht bis zu der nächsten Sitzung des Prüfungsausschusses warten kann, entscheidet die/der Vorsitzende des Prüfungsausschusses.

(5) Die Mitglieder des Prüfungsausschusses haben das Recht, der Abnahme von Prüfungen beizuwohnen. Die Mitglieder des Prüfungsausschusses, die Prüfenden und die Beisitzenden unterliegen der Verschwiegenheit. Sofern sie nicht im öffentlichen Dienst stehen, sind sie durch die/den Vorsitzende/n zur Verschwiegenheit zu verpflichten.

(6) In Angelegenheiten des Prüfungsausschusses, die eine an einer anderen KIT-Fakultät zu absolvierende Prüfungsleistung betreffen, ist auf Antrag eines Mitgliedes des Prüfungsausschusses eine fachlich zuständige und von der betroffenen KIT-Fakultät zu nennende prüfungsberechtigte Person hinzuzuziehen.

(7) Belastende Entscheidungen des Prüfungsausschusses sind schriftlich mitzuteilen. Sie sind zu begründen und mit einer Rechtsbehelfsbelehrung zu versehen. Vor einer Entscheidung ist Gelegenheit zur Äußerung zu geben. Widersprüche gegen Entscheidungen des Prüfungsausschusses sind innerhalb eines Monats nach Zugang der Entscheidung bei diesem einzulegen. Über Widersprüche entscheidet das für Lehre zuständige Mitglied des Präsidiums.

§ 17 Prüfende und Beisitzende

(1) Der Prüfungsausschuss bestellt die Prüfenden. Er kann die Bestellung der/dem Vorsitzenden übertragen.

(2) Prüfende sind Hochschullehrer/innen sowie leitende Wissenschaftler/innen gemäß § 14 Abs. 3 Ziff. 1 KITG, habilitierte Mitglieder und akademische Mitarbeiter/innen gemäß § 52 LHG, welche der KIT-Fakultät angehören und denen die Prüfungsbefugnis übertragen wurde; desgleichen kann wissenschaftlichen Mitarbeitern gemäß § 14 Abs. 3 Ziff. 2 KITG die Prüfungsbefugnis übertragen werden. Bestellt werden darf nur, wer mindestens die dem jeweiligen Prüfungsgegenstand entsprechende fachwissenschaftliche Qualifikation erworben hat.

(3) Soweit Lehrveranstaltungen von anderen als den unter Absatz 2 genannten Personen durchgeführt werden, sollen diese zu Prüfenden bestellt werden, sofern sie die gemäß Absatz 2 Satz 2 vorausgesetzte Qualifikation nachweisen können.

(4) Die Beisitzenden werden durch die Prüfenden benannt. Zu Beisitzenden darf nur bestellt werden, wer einen akademischen Abschluss in einem Masterstudiengang der Architektur, in einem verwandten Studiengang oder einen gleichwertigen akademischen Abschluss erworben hat.

§ 18 Anerkennung von Studien- und Prüfungsleistungen, Studienzeiten

(1) Studien- und Prüfungsleistungen sowie Studienzeiten, die in Studiengängen an staatlichen oder staatlich anerkannten Hochschulen und Berufsakademien der Bundesrepublik Deutschland oder an ausländischen staatlichen oder staatlich anerkannten Hochschulen erbracht wurden, werden auf Antrag der Studierenden anerkannt, sofern hinsichtlich der erworbenen Kompetenzen kein wesentlicher Unterschied zu den Leistungen oder Abschlüssen besteht, die ersetzt werden sollen. Dabei ist kein schematischer Vergleich, sondern eine Gesamtbetrachtung vorzunehmen. Bezüglich des Umfangs einer zur Anerkennung vorgelegten Studien- und Prüfungsleistung (Anrechnung) werden die Grundsätze des ECTS herangezogen.

(2) Die Studierenden haben die für die Anerkennung erforderlichen Unterlagen vorzulegen. Studierende, die neu in den Masterstudiengang Architektur immatrikuliert wurden, haben den Antrag mit den für die Anerkennung erforderlichen Unterlagen innerhalb eines Semesters nach Immatrikulation zu stellen. Bei Unterlagen, die nicht in deutscher oder englischer Sprache vorliegen, kann eine amtlich beglaubigte Übersetzung verlangt werden. Die Beweislast dafür, dass der Antrag die Voraussetzungen für die Anerkennung nicht erfüllt, liegt beim Prüfungsausschuss.

(3) Werden Leistungen angerechnet, die nicht am KIT erbracht wurden, werden sie im Zeugnis als „anerkannt“ ausgewiesen. Liegen Noten vor, werden die Noten, soweit die Notensysteme vergleichbar sind, übernommen und in die Berechnung der Modulnoten und der Gesamtnote einbezogen. Sind die Notensysteme nicht vergleichbar, können die Noten umgerechnet werden. Liegen keine Noten vor, wird der Vermerk „bestanden“ aufgenommen.

(4) Bei der Anerkennung von Studien- und Prüfungsleistungen, die außerhalb der Bundesrepublik Deutschland erbracht wurden, sind die von der Kultusministerkonferenz und der Hochschulrektorenkonferenz gebilligten Äquivalenzvereinbarungen sowie Absprachen im Rahmen der Hochschulpartnerschaften zu beachten.

(5) Außerhalb des Hochschulsystems erworbene Kenntnisse und Fähigkeiten werden angerechnet, wenn sie nach Inhalt und Niveau den Studien- und Prüfungsleistungen gleichwertig sind, die ersetzt werden sollen und die Institution, in der die Kenntnisse und Fähigkeiten erworben wurden, ein genormtes Qualitätssicherungssystem hat. Die Anrechnung kann in Teilen versagt werden, wenn mehr als 50 Prozent des Hochschulstudiums ersetzt werden soll.

(6) Zuständig für Anerkennung und Anrechnung ist der Prüfungsausschuss. Im Rahmen der Feststellung, ob ein wesentlicher Unterschied im Sinne des Absatz 1 vorliegt, sind die zuständigen Fachvertreter/innen zu hören. Der Prüfungsausschuss entscheidet in Abhängigkeit von Art und Umfang der anzurechnenden Studien- und Prüfungsleistungen über die Einstufung in ein höheres Fachsemester.

II. Masterprüfung

§ 19 Umfang und Art der Masterprüfung

(1) Die Masterprüfung besteht aus den Modulprüfungen nach Absatz 2 sowie dem Modul Masterarbeit (§ 14)

(2) Es sind Modulprüfungen in folgenden Pflichtfächern abzulegen:

- | | |
|---|------------------------------|
| 1. Entwerfen: | Modul(e) im Umfang von 46 LP |
| 2. Architektonische Kernkompetenzen: | Modul(e) im Umfang von 16 LP |
| 3. Spezialisierung: | Modul(e) im Umfang von 22 LP |
| 4. Überfachliche Qualifikationen im Umfang von 6 LP gemäß § 15 a. | |

Die Festlegung der zur Auswahl stehenden Module und deren Fachzuordnung werden im Modulhandbuch getroffen.

(3) Die Teilnahme an im Einzelnen festgelegten Exkursionen ist Pflicht (Pflichtexkursionen). Näheres regeln die „Richtlinien zur Durchführung von Exkursionen des Karlsruher Instituts für Technologie (KIT)“ sowie das Modulhandbuch.

(4) Im Hinblick auf die spätere Berufswahl können innerhalb des Masterstudiengangs Architektur am Karlsruher Institut für Technologie (KIT) folgende Schwerpunkte gesetzt werden:

- „Städtebau“ – „Urban Design“
- „Bautechnologie“ – „Building Technology“
- „Architektonisches und kulturelles Erbe“ – „Architectural and Cultural Heritage“

Inhalt und Umfang der einzelnen Schwerpunkte sind im Modulhandbuch geregelt.

§ 20 Bestehen der Masterprüfung, Bildung der Gesamtnote

(1) Die Masterprüfung ist bestanden, wenn alle in § 19 genannten Modulprüfungen mindestens mit „ausreichend“ bewertet und alle in § 19 genannten Studienleistungen bestanden wurden.

(2) Die Gesamtnote der Masterprüfung errechnet sich als ein mit Leistungspunkten gewichteter Notendurchschnitt der Fachnoten und dem Modul Masterarbeit.

(3) Haben Studierende die Masterarbeit mit der Note 1,0 und die Masterprüfung mit einem Durchschnitt von 1,2 oder besser abgeschlossen, so wird das Prädikat „mit Auszeichnung“ (with distinction) verliehen.

§ 21 Masterzeugnis, Masterurkunde, Diploma Supplement, Transcript of Records und Zusatzbescheinigung

(1) Über die Masterprüfung werden nach Bewertung der letzten Studien- oder Prüfungsleistung eine Masterurkunde und ein Zeugnis erstellt. Die Ausfertigung von Masterurkunde und Zeugnis soll nicht später als drei Monate nach Ablegen der letzten Studien- oder Prüfungsleistung erfolgen. Masterurkunde und Masterzeugnis werden in deutscher und englischer Sprache ausgestellt. Masterurkunde und Zeugnis tragen das Datum der erfolgreichen Erbringung der letzten Studien- oder Prüfungsleistung. Diese Dokumente werden den Studierenden zusammen ausgehändigt. In der Masterurkunde wird die Verleihung des akademischen Mastergrades beurkundet. Die Masterurkunde wird von dem Präsidenten und der KIT-Dekanin/ dem KIT-Dekan der KIT-Fakultät unterzeichnet und mit dem Siegel des KIT versehen.

(2) Das Zeugnis enthält die Fach- und Modulnoten sowie die den Modulen und Fächern zugeordnete Leistungspunkte und die Gesamtnote. Sofern gemäß § 7 Abs. 2 Satz 2 eine differenzierte Bewertung einzelner Prüfungsleistungen vorgenommen wurde, wird auf dem Zeugnis auch die entsprechende Dezimalnote ausgewiesen; § 7 Abs. 4 bleibt unberührt. Das Zeugnis ist von der KIT-Dekanin/ dem KIT-Dekan der KIT-Fakultät und von der/dem Vorsitzenden des Prüfungsausschusses zu unterzeichnen.

(3) Mit dem Zeugnis erhalten die Studierenden ein Diploma Supplement in deutscher und englischer Sprache, das den Vorgaben des jeweils gültigen ECTS Users' Guide entspricht, sowie ein Transcript of Records in deutscher und englischer Sprache.

(4) Das Transcript of Records enthält in strukturierter Form alle erbrachten Studien- und Prüfungsleistungen. Dies beinhaltet alle Fächer und Fachnoten samt den zugeordneten Leistungspunkten, die dem jeweiligen Fach zugeordneten Module mit den Modulnoten und zugeordneten Leistungspunkten sowie die den Modulen zugeordneten Erfolgskontrollen samt Noten und zugeordneten Leistungspunkten. Absatz 2 Satz 2 gilt entsprechend. Aus dem Transcript of Records soll die Zugehörigkeit von Erfolgskontrollen zu den einzelnen Modulen deutlich erkennbar sein. Angerechnete Studien- und Prüfungsleistungen sind im Transcript of Records aufzunehmen. Alle Zusatzleistungen werden im Transcript of Records aufgeführt.

(5) Sind durch eine Schwerpunktsetzung des/der Studierenden während des Studiums die Voraussetzungen eines Schwerpunkts gemäß § 19 Absatz 4 erfüllt, wird dieser Schwerpunkt durch eine den Abschlussdokumenten beizufügende Zusatzbescheinigung ausgewiesen. Die Zusatzbescheinigung enthält die Bezeichnung des Schwerpunkts und die dafür notwendigen erbrachten Studien- und Prüfungsleistungen. Sie bildet alle dem jeweiligen Schwerpunkt zugeordneten Module mit den Modulnoten und die zugeordneten Leistungspunkte sowie die den Modulen zugeordneten Erfolgskontrollen samt Noten und zugeordneten Leistungspunkten ab. Absatz 2 Satz 2 gilt entsprechend.

(6) Die Masterurkunde, das Masterzeugnis und das Diploma Supplement, einschließlich des Transcript of Records und gegebenenfalls die Zusatzbescheinigung gemäß Absatz 5, werden vom Studierendenservice des KIT ausgestellt.

III. Schlussbestimmungen

§ 22 Bescheinigung von Prüfungsleistungen

Haben Studierende die Masterprüfung endgültig nicht bestanden, wird ihnen auf Antrag und gegen Vorlage der Exmatrikulationsbescheinigung eine schriftliche Bescheinigung ausgestellt, die die erbrachten Studien- und Prüfungsleistungen und deren Noten enthält und erkennen lässt, dass die Prüfung insgesamt nicht bestanden ist. Dasselbe gilt, wenn der Prüfungsanspruch erloschen ist.

§ 23 Aberkennung des Mastergrades

(1) Haben Studierende bei einer Prüfungsleistung getäuscht und wird diese Tatsache nach der Aushändigung des Zeugnisses bekannt, so können die Noten der Modulprüfungen, bei denen getäuscht wurde, berichtigt werden. Gegebenenfalls kann die Modulprüfung für „nicht ausreichend“ (5,0) und die Masterprüfung für „nicht bestanden“ erklärt werden.

(2) Waren die Voraussetzungen für die Zulassung zu einer Prüfung nicht erfüllt, ohne dass die/der Studierende darüber täuschen wollte, und wird diese Tatsache erst nach Aushändigung des Zeugnisses bekannt, wird dieser Mangel durch das Bestehen der Prüfung geheilt. Hat die/der Studierende die Zulassung vorsätzlich zu Unrecht erwirkt, so kann die Modulprüfung für „nicht ausreichend“ (5,0) und die Masterprüfung für „nicht bestanden“ erklärt werden.

(3) Vor einer Entscheidung des Prüfungsausschusses ist Gelegenheit zur Äußerung zu geben.

(4) Das unrichtige Zeugnis ist zu entziehen und gegebenenfalls ein neues zu erteilen. Mit dem unrichtigen Zeugnis ist auch die Masterurkunde einzuziehen, wenn die Masterprüfung aufgrund einer Täuschung für „nicht bestanden“ erklärt wurde.

- (5) Eine Entscheidung nach Absatz 1 und Absatz 2 Satz 2 ist nach einer Frist von fünf Jahren ab dem Datum des Zeugnisses ausgeschlossen.
- (6) Die Aberkennung des akademischen Grades richtet sich nach § 36 Abs. 7 LHG.

§ 24 Einsicht in die Prüfungsakten

- (1) Nach Abschluss der Masterprüfung wird den Studierenden auf Antrag innerhalb eines Jahres Einsicht in das Prüfungsexemplar ihrer Masterarbeit, die darauf bezogenen Gutachten und in die Prüfungsprotokolle gewährt.
- (2) Für die Einsichtnahme in die schriftlichen Modulprüfungen, schriftlichen Modulteilprüfungen bzw. Prüfungsprotokolle gilt eine Frist von einem Monat nach Bekanntgabe des Prüfungsergebnisses.
- (3) Der/die Prüfende bestimmt Ort und Zeit der Einsichtnahme.
- (4) Prüfungsunterlagen sind mindestens fünf Jahre aufzubewahren.

§ 25 Inkrafttreten, Übergangsvorschriften

- (1) Diese Studien- und Prüfungsordnung tritt am 01. April 2021 in Kraft und gilt für
1. Studierende, die ihr Studium im Masterstudiengang Architektur am KIT im ersten Fachsemester aufnehmen, sowie für
 2. Studierende, die ihr Studium im Masterstudiengang Architektur am KIT in einem höheren Fachsemester aufnehmen, sofern dieses Fachsemester nicht über dem Fachsemester liegt, das der erste Jahrgang nach Ziff. 1 erreicht.
- (2) Die Studien- und Prüfungsordnung des Karlsruher Instituts für Technologie (KIT) für den Masterstudiengang Architektur vom 26. Juli 2016 (Amtliche Bekanntmachung des Karlsruher Instituts für Technologie (KIT) Nr. 70 vom 27. Juli 2016) zuletzt geändert durch die Zweite Satzung zur Änderung der Studien- und Prüfungsordnung des Karlsruher Instituts für Technologie für den Masterstudiengang Architektur vom 24. Februar 2020 (Amtliche Bekanntmachung Nr. 02 vom 26. Februar 2020) behält Gültigkeit für
1. Studierende, die ihr Studium im Masterstudiengang Architektur am KIT zuletzt im Wintersemester 2020/2021 aufgenommen haben, sowie für
 2. Studierende, die ihr Studium im Masterstudiengang Architektur am KIT ab dem Sommersemester 2021 in einem höheren Fachsemester aufnehmen, sofern das Fachsemester über dem liegt, das der erste Jahrgang nach Absatz 1 Ziff. 1 erreicht hat.
- Im Übrigen tritt sie außer Kraft.
- (3) Studierende, die auf Grundlage der Studien- und Prüfungsordnung des Karlsruher Instituts für Technologie (KIT) für den Masterstudiengang Architektur vom 26. Juli 2016 (Amtliche Bekanntmachung des Karlsruher Instituts für Technologie (KIT) Nr. 70 vom 27. Juli 2016) zuletzt geändert durch die Zweite Satzung zur Änderung der Studien- und Prüfungsordnung des Karlsruher Instituts für Technologie für den Masterstudiengang Architektur vom 24. Februar 2020 (Amtliche Bekanntmachung Nr. 02 vom 26. Februar 2020) ihr Studium am KIT aufgenommen haben, können Prüfungen auf Grundlage dieser Studien- und Prüfungsordnung letztmalig bis zum 30.09.2024 ablegen.
- (4) Studierende, die auf Grundlage der Studien- und Prüfungsordnung des Karlsruher Instituts für Technologie (KIT) für den Masterstudiengang Architektur vom 26. Juli 2016 (Amtliche Bekanntmachung des Karlsruher Instituts für Technologie (KIT) Nr. 70 vom 27. Juli 2016) zuletzt geändert durch die Zweite Satzung zur Änderung der Studien- und Prüfungsordnung des Karlsruher Instituts für Technologie für den Masterstudiengang Architektur vom 24. Februar 2020 (Amtliche Bekanntmachung Nr. 02 vom 26. Februar 2020) ihr Studium am KIT

aufgenommen haben, können auf Antrag ihr Studium nach der vorliegenden Studien- und Prüfungsordnung fortsetzen.

Karlsruhe, den 04. März 2021

Gez. Prof. Dr.-Ing. Holger Hanselka
(Präsident)