

# **KIT-FAKULTÄT FÜR ARCHITEKTUR**

Semester program  
Summer term 2019

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# KIT-FAKULTÄT FÜR ARCHITEKTUR

**Institute  
Architectural  
Design, Art  
and Theory  
(EKUT)**



**Prof. Marc Frohn**  
RAUM UND ENTWERFEN  
Spatial Design



**Dipl.-Ing. Udo Beyer**  
DARSTELLEND GEOMETRIE  
Descriptive Geometry



**Prof. Meinrad Morger**  
GEBÄUDELEHRE  
Building Design



**Prof. Simon Hartmann**  
BAUPLANUNG UND  
ENTWERFEN  
Architectural Design



**AkadOR Alex Dill**  
ARCHITEKTUR UND MOBILIAR  
Interiors and Furniture Design



**Prof. Stephen Craig**  
BILDENDE KUNST  
Visual Arts



**Prof. Dr. Georg Vrachliotis**  
ARCHITEKTURTHEORIE  
Theory of Architecture



**Prof. Dr. Riklef Rambow**  
ARCHITEKTUR-  
KOMMUNIKATION  
Communication of  
Architecture

**Institute  
Building  
Design and  
Technology  
(IEB)**



**Prof. Ludwig Wappner**  
BAUKONSTRUKTION  
Building Construction



**AkadOR Thomas Haug**  
GRUNDLAGEN DER  
BAUKONSTRUKTION  
Fundamentals of Building  
Construction



**Prof. Dirk Hebel**  
NACHHALTIGES BAUEN  
Sustainable Building Design



**Prof. Renzo Vallebuona**  
KONSTRUKTIVE  
ENTWURFSMETHODIK  
Building Construction  
Methology



**Prof. Dr. Petra v. Both**  
BUILDING LIFECYCLE  
MANAGEMENT  
Building Lifecycle Management



**Prof. Matthias Pfeifer**  
TRAGKONSTRUKTIONEN  
Structural Design



**Anette Busse MAS ETH**  
MASTERSTUDIENGANG  
ALTBAUINSTANDSETZUNG  
Master Programme  
Building Restoration



**Prof. Dr. Rosemarie Wagner**  
BAUTECHNOLOGIE  
Building Technology



**Prof. Andreas Wagner**  
BAUPHYSIK UND  
TECHNISCHER AUSBAU  
Building Science

**Institute  
for Urban and  
Landscape  
Design  
(IESL)**



**Prof. Markus Neppi**  
STADTQUARTIERSPLANUNG  
Urban Housing and Development



**Prof. Dr. Barbara Engel**  
INTERNATIONALER  
STÄDTEBAU  
International Urban Design



**Prof. Henri Bava**  
LANDSCHAFTS-  
ARCHITEKTUR  
Landscape Architecture



**Prof. i.V. Philipp Krass**  
STADT UND WOHNEN  
Urban Living

**New**

**Institute  
for History  
of Art and  
Architecture  
(IKB)**



**Prof. Dr. Oliver Jehle**  
KUNSTGESCHICHTE  
Art History



**Prof. Dr. Inge  
Hinterwaldner**  
KUNSTGESCHICHTE  
Art History

Foto: Barbara Herrenkind



**Prof. Dr. Joaquín  
Medina Warmburg**  
BAU- UND ARCHITEKTUR-  
GESCHICHTE  
History of Building and Architecture

### **General semester dates**

23.04.2019	Start Lectures time
01.–31.05.2019	Registration for the exams
26.07.2019	End Lectures time
27.07.–16.08.2019	Exam period
15.07.–15.08.2019	Re-registration for the winter semester 2019/20

### **Dates for the second term in the bachelor's program**

Wednesday, 17.04.2019	12:00 am Presentation Studio Gefüge Egon-Eiermann-Hörsaal
Registration:	17.04.2019, 2 pm to 18.04.2019, 12 am
Allocation of places at WiWi-Portal:	<a href="https://portal.wiwi.kit.edu/ys/2746">https://portal.wiwi.kit.edu/ys/2746</a>



### **Dates for the fourth term in the bachelor's program**

Wednesday 17.04.2019	10:00 am Presentation Studio Kontext Egon-Eiermann-Hörsaal
Registration:	17.04.2019, 2 pm to 18.04.2019, 12 am
Allocation of places at WiWi-Portal:	<a href="https://portal.wiwi.kit.edu/ys/2747">https://portal.wiwi.kit.edu/ys/2747</a>



### **Dates for the sixth term in the bachelor's program**

Monday, 15.04.2019	12:30 pm Information about the election of the compulsory elective courses, Egon-Eiermann-Hörsaal
Registration:	via the Wiwi portal in a 3-stage process, see timetable and links on page 7.

### **Dates for the master's program**

Monday 15.04.2019	9 am presentation Design Projects, Fritz-Haller-Hörsaal 1 - 3 pm Presentation of all other courses 20.40 Foyer and corridors 1st floor
Thursday 16.05.2019	1:30 pm Informational session on the master's thesis WS 2019/20 Grüne Grotte
Wednesday, 29.05.2019	1 - 1:45 pm "Fit für die Abschlussarbeit I" Foundations of literature research for architects

### **Dates master thesis summer term 2019**

01.04.2019–30.09.2019	Processing time
14.–18.10.2019	Presentation of the master's thesis

**Presentation of the design projects of the master's program****Monday, 15th April 2019, 09:00 to 12:00 am****20.40 Fritz–Haller–Hörsaal**

09:00	Welcome and information about master's program
09:40	SF Urban Housing and Development
09:50	SF Urban Living
10:00	SF Landscape Architecture
10:10	SF International Urban Design
10:20	SF Building Construction Methodology
10:30	SF Basics of Building Construction
10:40	SF Building Construction
10:50	SF Sustainable Building Design
11:00	SF Building Lifecycle Management
11:10	SF Architectural Design
11:20	SF Building Design
11:30	SF Architecture and Furniture
11:40	SF Architectural Space and Design

**Allocation of places for design projects of the master's program**

Prerequisite for participation in the allocation is the registration in the master's program in architecture for the summer term 2019.

Allocation of places at Wiwi–Portal: <https://portal.wiwi.kit.edu/ys/2749>

Start of Registration: 16.04.2019, 10:00 am

End of Registration: 17.04.19, 2:00 pm



There must be a rating of 1-5 stars for each design topic. It must be awarded at least once 5, 4 and 3 stars. A maximum of 5 topics may have the same rating.

After the deadline, the seats will be optimally distributed and you will receive a notification.

**Presentation of the other courses for the master's program and bachelor program 5th term****Monday, 15.04.2019, 1 to 3 pm****20.40 Corridors und Foyer 1st floor**

The compulsory elective courses for the 6th term and the other courses of the master's program are presented on posters in the corridors and in the foyer of the 1st floor of the building. From 1 to 3 pm employees will be available for questions about the presented courses.

**Allocation of seminar places 6th term bachelor's program**

The allocation of places takes place via the Wiwi portal in a 3-stage process:

**1st round:**

16.04.2019, 10 am to 5 pm

<https://portal.wiwi.kit.edu/ys/2750>**2nd round:**

17.04.2019 10 am to 5 pm

<https://portal.wiwi.kit.edu/ys/2751>**3rd round:**

18.04.2019 10 am to 5 pm

<https://portal.wiwi.kit.edu/ys/2752>

Each applicant receives a maximum of 1 place per round, the remaining places go to the next round.

**Allocation of seminar places master's program**

Allocation of places at Wiwi-Portal: <https://portal.wiwi.kit.edu/ys?id=6>

Until the 1st raffle, registration is only possible for a maximum of 3 events, thereafter unlimited. From the time of the 1st raffle on, vacant places will be raffled every 10 minutes. Please return any unwanted places in the system afterwards.

Registration: 16.04.2019, 10am

1st raffle: 17.04.2019, 2 pm

deadline: 18.04.2019, 2 pm

**Karlsruhe Architekturvorträge:****SKIZZENWERK: SHAPING SOCIETY**

SKIZZENWERK is a lecture series organised by architecture students of the Karlsruhe Institute of Technology (KIT). Every year during summer term we invite leading architects and urban designers to act as an expert speaker on specific topics. This summer term 2019 we celebrate 5 years of Skizzenwerk, with this years theme: SHAPING SOCIETY.

The focus lies on the approach of architects to take on societal and political questions. How is it possible for architecture to initiate change in communal structures and be an impulse for social shifting? Can architecture have an impact? Can it connect, add value, support, invite to participate and create balance? Can it be political and therefore shape society?

The lectures take place on Wednesdays at 6 pm  
at Hörsaal Egon Eiermann, Englerstraße 7, Bldg. 20.40 in Karlsruhe.

29th May 2019	<b>RURAL URBAN FRAMWORK (CN)</b> Joshua Bolchover
05th June 2019	<b>ON/OFF (DE)</b> Anika Neubauer
12th June 2019	<b>MVRDV (NL)</b> Winy Maas
19th June 2019	<b>TELEINTERNETCAFE (DE)</b> Marius Gantert
26th June 2019	<b>UMSCHICHTEN (DE)</b> Peter Weigand
03rd Juli 2019	<b>CONSTRUCTLAB (DE)</b> Alexander Römer (SKIZZENWERK+ A*KOMM)
10th July 2019	<b>TATIANA BILBAO ESTUDIO (MX)</b> Tatiana Bilbao

Changes reserved.

The lecture series is supported by Architektenkammer Baden-Württemberg, Landesbank Baden-Württemberg, Sto Stiftung and KIT Department of Architecture.

<http://www.skizzenwerk.com>



**Lecture Series Art History**

**Kunst und Recht: „Original, Kopie und Fälschung“**

Lecture series in cooperation with IKB (Prof. Dr. Oliver Jehle)  
and the ZAR (Prof. Dr. Thomas Dreier)

The lectures take place on thursdays at 7/7.30 pm  
at Hörsaal Egon Eiermann, Englerstraße 7, Bldg. 20.40 in Karlsruhe.

6th June 2019 7 pm	<b>Der gefälschte „Sidereus Nuncius“ Galileo – Galileis zwischen Original, Faksimile und Fälschung</b> Prof. Dr. Henry KEAZOR (Heidelberg)
27th June 2019 7:30 pm	<b>Ent-Täuschung. Fälschung und Plagiat im Gefüge ästhetischer und normativer Erwartungshaltungen</b> PD Dr. Dr. Grischka PETR (Bonn)
04th July 2019 7 pm	<b>Formen der Kopie – Von der Fälschung bis zur Hommage</b> Franziska BRINKMANN, M.A. (Karlsruhe)
11th July 2019 7 pm	<b>Die Crux mit dem Original – ein Begriff und seine Grauzonen in der Kunstgeschichte und im Rechtswesen«</b> Hubertus BUTIN (Berlin)
18th July 2019 7 pm	<b>Artefaktkopie</b> Dr. Amrei BÄHR (Düsseldorf)

Karlsruhe Institut of Technology (KIT) ,  
Institute for History of Art and Architecture, SF Art History  
The series is supported by the KIT Department of Architecture.  
<http://kg.ikb.kit.edu/>

**Inaugural Lectures**

**Der Mikrochip als Hütte**

Prof. Dr. Inge Hinterwaldner,  
SF Art History  
08th May 2019, 6 – 8 pm, Bldg. 20.40, Eiermann-Hörsaal

**Atmosphäre – Umraum – Infrastruktur**

**Elemente einer Umweltgeschichte der Architektur**

Prof. Dr. Joaquín Medina Warmburg:  
SF Building and Architectural History  
22 May 2019, 6-8 pm, Bldg.. 20.40, Eiermann-Hörsaal

**Department Events**

**BIM-WERKBERICHTE / Von CAD zu BIM**

**Über Lederer & Calatrava in die Selbstständigkeit**

Lecture by Markus Schwarzbach

29th April 2019, 5:30 – 7 pm

Bldg. 20.40, Hörsaal 9

**Brown Bag Lunch**

The Brown Bag Lunch is an informal platform of exchange of between the professorships, especially for the development and exchange of ideas for joint (research) activities.

Dates: Thursdays 16 May (Fakultätszimmer), 27 June und 18 July 2019

1–2 pm, Bldg.. 20.40., R104 Grüne Grotte

Organized by Prof. Andreas Wagner and Prof. Dr. Inge Hinterwaldner.

**Book presentations in the Department Library**

Regular book presentations are held in the library of the KIT Department of Architecture. These events give Department members the opportunity to present their new publications. The dates are announced on the homepage of the department and by posters.

**Coffee Lectures**

08 May 2019, 1-2 pm

Fachbibliothek Architektur, Bldg.. 20.40, Raum 106

The Coffee Lectures go on tour and come with three short lectures to the Fachbibliothek Architektur!

13.00: Literaturrecherche im KIT-Katalog – so holen Sie das Beste raus!

13.25: Fachrecherche in der Architektur – relevante Informationen finden!

13.45: Sammeln, Organisieren, Zitieren – Literaturverwaltungsprogramme im Kurzüberblick

**Farewell of the masters**

Public solemn farewell of the master's graduates of the winter semester 2018/19 and award of the Weinbrenner-Prizes.

24th April 2019, 6 pm

Bldg. 20.40 Fritz Haller HS

**Opening of the summer term 2019 of the SF of Art History**

The Science Field, the Freundeskreis and the Fachschaft cordially invite you to the semester opening on Wednesday 24 April 2019 at 18:00 in the building 20.40 HS9 and afterwards in the seminar room Art History.

**Research in Architecture**

15th. Mai 2019, Bldg. 20.40, Grüne Grotte

- |                |   |
|----------------|---|
| 3:00–5:00 pm   | Workshop on the topic of „Research By Design“ with topics by Prof. Michael Hensel (Digitale Architektur und Raumplanung, TU Vienna) and Prof. Ralf Pasel (CODE Entwerfen und Baukonstruktion, TU Berlin) + PhD student*in, followed by discussion |
| 5:00 – 6:00 pm | Poster exhibition about reasearch topics at the department  |
| 6:00 pm        | Award of the Hermann Billing Prize with short presentations by the prizewinners and a discussion with the Dean  |

Organized by Prof. Andreas Wagner

### **Exhibitions**

#### **Exhibition Master`s Thesis Winter Term 2018/19**

From 23 to 30 April 2019, some 40 graduates of the Department of Architecture will be presenting their final theses in the fields of structural and urban designing. The works are freely accessible during the opening hours of the building.

Fakultät für Architektur  
Bldg. 20.40, 2nd floor  
Englerstraße 7  
76131 Karlsruhe

#### **Exhibition CONCRETE.net.work**

SF Building Lifecycle Management (Masterstudio Winterterm 18/19)

25th April – 02nd May. 2019  
Bldg. 20.40 Foyer 1st floor

#### **Exhibition „Material“**

SF Sustainable Construction

06th Mai – 17th June 2019  
Bldg. 20.40 Foyer 1st floor

#### **Exhibition Bachelor`s Thesis Summer Term 2019**

11.–31. July 2019  
Bldg. 20.40 Foyers Ground floor / 1st floor / 2nd floor

#### **Annual Exhibition “Reinschauen”**

17th July 2019 from 4 pm  
Bldg. 20.40

At the end of the summer term, the professorships, workshops and studios will present works and projects from the previous academic year from 4 p.m. to 9 p.m. and provide an insight into the range of teaching and research at the faculty.

More events can be found in our event calendar:  
<http://www.arch.kit.edu/aktuelles/termine&neuigkeiten.php>

**Deanery**

Bldg. 20.40, 1st Floor, R. 135	Nina Dürr	608-42156
	Lisa Greiner	608-45141
	Opening hours: Monday-Friday, 9- 12 am	
Dean	Prof. Dr. Georg Vrachliotis	608-45050
Vice-Dean	Prof. Dirk Hebel	608-43787
Vice-Dean Research	Prof. Andreas Wagner	608-46511
Managing Director	Dr. Judith Reeh	608-43866
Managing Director	Dipl.-Des. Frank Metzger	608-46143

**Dean of Studies' Office**

The Dean of Studies' Office is the contact point for all questions concerning the organization of studies (admission, course of studies, recognition, exams, internships, etc.), which can not be clarified directly with the teachers or in the subject areas.

Deans of Study	Prof. Dr. Barbara Engel (Architecture)	608-42180
	Bldg. 11.40, 1st Floor, R 109	
	Prof. Dr. Oliver Jehle (Art History)	608-43773
	Bldg. 20.40, Ground Floor, R 022	



Dean of Studies' Office  
Ute Hofmann  
Bldg. 20.40, 1st Floor, R 139  
Opening hours:  
Monday–Thursday, 9–12 am  
and Tuesday 2–4 pm



Study Coordination /Academic Advising  
Dipl.-Ing. Doris Kern  
Bldg. 20.40, First Floor, Room 140  
Consultation hours: Tuesday 2–5 pm  
By appointment: [doris.kern@kit.edu](mailto:doris.kern@kit.edu)

**Department of Architecture international**

International Coordination	Dr. Judith Reeh	608-43866
	Bldg. 20.40, 1st Floor, Room 138	
FAi Office (Erasmus Office)	Lena-Marika Pfefferle	608-42156 /
	Bldg. 20.40, 2nd Floor, Room 247	608-42160

**Office hours of professors**

Even if no fixed talk time is specified, the professors are available for office hours, please contact them by e-mail. As a rule, advance registration at the secretary's office is necessary.

Prof. Henri Bava	Tue 15:30-16:30, 11.40 R115 FG LA and by appointment
Dipl.-Ing. Udo Beyer	Tue 15:00-17:00, 20.40 R215 LG DG
Prof. Dr. Petra by Both	by appointment
Prof. Stephen Craig	Wed 14: 00-15:00, 20.40 R232 FG BK
Dipl.-Ing. Alex Dill Tue	09:00-10:00, 20.40 R108 LG AM and by appointment
Prof. Dr. Barbara Engel	Wed 10:00-11:00, 11.40 R110 FG ISTB
Prof. Marc Frohn	by appointment
Dipl.-Ing. Thomas Haug	by appointment
Prof. Simon Hartmann	by appointment
Prof. Dirk Hebel	Tue 10:00-11:00, 11.40, R025 FG NB
Prof. Dr. Inge Hinterwaldner	Mon 14:00-16:00, 20.40 R019 FG KG
Prof. Dr. Oliver Jehle	Wed 10:00-11:00, 20.40 R124 FG KG
Prof. i.V. Philipp Krass	by appointment
Prof. Dr. J. Medina Warmburg	Wed 11:30-13:00, 20.40 R018 FG BAG
Prof. Meinrad Morger	Wed 10:30-12:00 20.40 R115 FG GBL
Prof. Markus Neppel	Tue 10:00-12:00, 11.40, R026 FG STQP seminar room 2
apl. Prof. Dr. M. Papenbrock	Wed 13:00-14:00, 20.40 R124 FG KG
Prof. Mathias Pfeifer	Tue 14:00-16:00, 20.40 R130 FG FGT
Prof. Dr. Riklef Rambow	Wed 14:00-15:00, 20.40 R257 FG AK and by appointment
Prof. Renzo Vallebuona	by appointment
Prof. Dr. Georg Vrachliotis	by appointment
Prof. Andreas Wagner	Thu 12:00 - 13:00 and by appointment (by email)
Prof. Dr. Rosemarie Wagner	Tue 14:30-17:30, 20.40 R143 FG BT
Prof. Ludwig Wappner	by appointment

**Department Libraries**

The department libraries are central facilities of the department of architecture.

Department Library	Bldg. 20.40, Room 106	
Management:	Dipl.-Bibl. Gabriele Seipel	608-45142
	Bldg. 20.40, Room 213.2, Tu and Th	
Staff:	Anja Bezdjian	608-42884
	Doris Gadinger	
	Bldg. 20.40, First Floor, Room 106	
	Opening hours:	
	Mo–Fr: 09:00–17:00 Uhr	
Material Library	Bldg. 20.40, First Floor, Room 141.1	
Staff:	Thomas Kinsch	608-47539
	Opening hours:	
	Monday–Friday: 9:30 –12:30 am, 2 – 4 pm	

**Caretaker**

Architekturgebäude (20.40)	Matthias Bayerl	608-42814
	Opening hours:	
	Monday–Friday: 7:30 am–4 pm	
Kollegiengebäude am Ehrenhof (11.40)	Bruno Bayer	608-44738
	Opening hours:	
	Monday–Friday: 7:30 am–4 pm	

**Lost property**

Please hand over lost property to the caretaker or pick it up.

**Caféhaus**

Opening hours during the lecture period

Monday–Thursday: 9 am – 4: 30 pm

Friday: until 2 pm

**Studio-Workspace für Students**

For students in the master's program who are interested in a workplace, rooms are available in the following buildings:

Bldg. 20.40, 1st floor and 2nd floor,

Bldg. 06.35 (Campus West)

Interested persons turn directly to the students of the respective studio.

**Study Workshops**

Photo	Bernd Seeland	608-43737
	Christoph Engel	608-42157
	Bldg. 20.40, Basement, Room -102	
	Opening Hours:	
	Monday–Thursday: 9:30 am–1 pm, 2 –5 pm	
	Friday: according to the arrangement	
Wood	Anita Knipper	608-42666
	Bldg. 20.40, Basement, Room -149	
	Opening Hours:	
	Monday–Thursday 8 – 12 am, 1 – 4 pm	
	Fr: according to the arrangement	
Metal	Andreas Heil	608-42698
	Bldg. 20.40, Basement, Room -115	
	Opening Hours:	
	Monday–Thursday 8 –12 am, 1:30 – 4 pm	
	Friday: according to the arrangement	
Modelling	Manfred Neubig	608-42672
	Bldg. 20.40, Basement, Room -160	
	Opening Hours:	
	Monday–Thursday 8 – 12 am, 1:30 – 4 pm	
	Friday: according to the arrangement	
Digital	Willy Abraham	608-43176
	Bldg. 11.40, Basement, Room S105-S108	
	Opening Hours:	
	Monday–Thursday: 10 am–17:30 pm, according to the arrangement	
	Friday 10 am-1 pm, Introductions (only lecture-free time)	

Further information: <http://www.arch.kit.edu/einrichtungen/index.php>

**ArchiPlotPool**

Dipl.-Ing. Udo Beyer (udo.beyer@kit.edu) 608-42174  
In the plot pool of the department, Bldg. 20.40, 2nd floor, Room 262, students and staff can make high quality color prints and copies up to DIN A0 (extra length) around the clock. There are three Canon color plotters, two Minolta color printing copying systems and a large format scanner for independent use. Invoicing is at cost price (material, operating



and care costs) via an automatic billing system in the room. The support is provided by two student assistants with fixed attendance times. Further information can be found on the website <http://www.archipool.de>.

### **archIT**

The IT management of the department of architecture is organized as a central institution and reports directly to the Dean's Office. The following tasks are mainly carried out:

- Management of the student computer rooms as well as the workstation in the central facilities of the department
- Operation of central server and services
- Contacts, support in all IT-related matters (hardware and software, network and central services)
- IT officer of the department (ensuring IT compliance at KIT)
- Advice and promotion of new media in research and teaching

Contact:	Dipl.-Ing. Thomas Besser	608-46024
	Carlos Gonzalez	608-43156
	Bldg. 11.40, Room 010	
	<a href="mailto:archIT@arch.kit.edu">archIT@arch.kit.edu</a>	
	Hours: Mon-Fri 09: 00-12: 00 and by prior arrangement	

The computer pools are equipped and operated by the KIT Department of Architecture. The rooms are open to all architecture students at any time. Access to the computer pools is only possible via the KITCard. For the computer access (login), the personal KIT account is required.

Red-Pool	Bldg. 11.40, 1. OG, Room 104 16 PC workstations, multifunctional device (printer / copier / scanner, A4 / A3, SW / color, ArchiPlotPool)
Yellow-Pool	Bldg.. 11.40, EG, Room 004 16 PC workstations

### **Disruptions in the computer pools**

Many hardware and software faults are hidden from archIT unless they are reported. In case of problems or errors, please send a short mail with the most accurate error message, computer number (see sticker) and KIT-account to the respective pool administrators: [rechnerpool@arch.kit.edu](mailto:rechnerpool@arch.kit.edu)

Current information can be found at <http://www.arch.kit.edu/fakultaet/it-management.php>

**Committees and Commissions****Department Council**

Prof. Dr. Georg Vrachliotis (Dean)  
Prof. Dirk Hebel (Vice-Dean)  
Prof. Andreas Wagner (Vice-Dean Research)  
Prof. Dr. Barbara Engel (Dean of Studies)  
Prof. Markus Neppi  
Prof. Meinrad Morger  
Prof. Dr. Oliver Jehle (Dean of Studies)  
Prof. Matthias Pfeifer  
Prof. Ludwig Wappner  
Prof. Dr. Riklef Rambow  
Dipl.-Ing. Anette Busse MAS ETH gta  
Dipl.-Ing. Udo Beyer  
Dipl.-Ing. Manuela Gantner  
Dr.-Ing. Cornelia Moosmann  
Bernd Seeland  
Marwa Al-Dabooni  
Alina Manon Cécile Hildebrand (Stud.)  
Christian Hoffmann (Stud.)  
Lara Verena Klein (Stud.)  
Tobias Weitz (Stud.)

**Study Commission / Board of Examiners Architecture**

Dean of Studies Prof. Dr. Barbara Engel (Chair)  
Prof. Marc Frohn  
Prof. Ludwig Wappner  
Prof. Dr. Oliver Jehle  
Dipl.-Ing. Thomas Haug  
Dipl.-Ing. Nikolaus Koch  
Dipl.-Ing. Nikolaus Rogge  
Dipl.-Ing. Eleni Zaparta.  
6 Student Representatives (Representatives can be requested from the student council.)

**Board of Examiners Art History**

Prof. Dr. Oliver Jehle (Chair)  
Dr. Jesús Munoz Morcillo  
2 Student Representatives (Representatives can be requested from the student council.)

**Board of Examiners Masterstudiengang Altbauinstandsetzung**

Prof. Matthias Pfeifer (Chair)  
Dipl.-Ing. Anette Busse MAS ETH gta  
Student Representative N.N.

**Doctoral Thesis Committee**

Prof. Andreas Wagner (Chair)  
Prof. Georg Vrachliotis  
Prof. Dr. Petra von Both  
Prof. Dr. Barbara Engel  
Prof. Dr. Oliver Jehle  
apl. Prof. Dr. Papenbrock

**Dispute Resolution Committee / Advice of foreigners on special questions**

Prof. Dr. Georg Vrachliotis (Dean)  
Prof. Dirk Hebel (Vice-Dean)  
Dr. Judith Reeh  
N.N. VT-Member

**Library Council**

Dr. Volker Koch  
Dipl.-Ing. Bernita Le Gerrette  
apl. Prof. Dr. Martin Papenbrock  
Dr.-Ing. Matthias Stippich  
Dipl.-Bibl. Gabriele Seipel

**Workshop Commission**

Prof. Dr. Rosemarie Wagner (Chair)  
Dipl.-Ing. Thomas Besser  
Dipl.-Ing. Willy Abraham  
Andreas Heil  
Anita Knipper  
Dr. Volker Koch  
Manfred Neubig  
Dr. Judith Reeh  
Dipl.-Ing. Stefan Sander  
Bernd Seeland  
Student Representatives N.N.

**Women's representative of the Equal Opportunities Officer of the KIT**

Dr. Cornelia Moosmann, Bernita Le Gerrette (deputy)

**Student Council**

Student Council Architecture    [fachschaft@arch.kit.edu](mailto:fachschaft@arch.kit.edu)  
Meetings: Wednesdays 1:15 pm–2 pm, Bldg. 20.40, First Floor, Room 104 (Grüne Grotte)

Student Council Art History    [fachschaft-kunstgeschichte@web.de](mailto:fachschaft-kunstgeschichte@web.de)  
Meetings Tuesdays from 1 pm, Bldg. 20.40, Ground Floor, Room 008



**Bachelor's Program Architecture (B. Sc.)**

In the bachelor program the scientific basics and the methodological competence of the architectural discipline should be imparted. The aim of the study is the ability to successfully complete a consecutive master's program as well as to apply the acquired knowledge professionally.

The bachelor program covers six semesters. After passing the final exam one holds the title Bachelor of Science (B.Sc.). A total of 180 ECTS credits must be proven for this degree. Basically, the study program is divided into modules. Each module can consist of one or more courses completed by one or more exams. The scope of each module is characterized by credit points credited upon successful completion of the module.

Within the scope of the program, competencies in the following subjects are to be acquired:

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

In the subjects “Designing” and “Integral Designing” you work each semester in a thematically determined design studio.

Each professor personally looks after a studio. The design work will be accompanied by a coordinated offer of courses.

In the subject “specialization” modules of different disciplines can be selected and thus a separate profile can be developed according to the individual inclinations. The subject “Interdisciplinary Qualifications” completes the offer, where general and practical competences and skills are acquired.

In the bachelor's program, both the scientific basics and the associated methodological skills are imparted.

**Further information**

The current module handbook and the study and examination regulations of the bachelor's program can be found here:

<http://www.arch.kit.edu/studium-und-lehre/studiendownloads.php>

# Bachelor Architecture

## Exemplary Curriculum



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

\* Placeholder for various modules

Timetable  
2nd Term Bachelor (Summer 2019)

	Monday	Tuesday	Wednesday	Thursday	Friday
08:00		Static and Strength of Materials R. Wagner HS FH			
09:30					
09:45	Building Physics A. Wagner HS FH	Static and Strength of Materials R. Wagner HS FH	Basics of Building Construction Haug HS EE	Theory of Architecture 2 Vrachliotis HS EE	Architectural Geometry and Digital Form Design 2 Beyer, Kndija HS EE
11:15					
11:30	Building Physics A. Wagner HS FH	Static and Strength of Materials R. Wagner HS FH	Basics of Building Construction Haug HS EE	Theory of Architecture 2 Vrachliotis HS EE	Architectural Geometry and Digital Form Design 2 Beyer, Kndija Studios
13:00					
Lunch Break					
14:00	Studio Structure	Studio Structure	Studio Structure Focus day reviews	Studio Structure	Studio Structure
17:15					
			18:00 – 19:30 Karlsruher Architekturvorträge HS EE	18:00 – 19:30 Lecture Series Art History HS 9	

HS EE    Egon-Eiermann-Hörsaal (1. OG)  
HS FH    Fritz-Haller-Hörsaal (EG)  
NH       Neuer Hörsaal (EG)  
HS 9     Hörsaal 9 (1. OG)

## Timetable

4th Term (Summer 2019)

	Monday	Tuesday	Wednesday	Thursday	Friday
08:00					
09:30			09:00 Basics of Urban Planning Bava, Engel HS FH		
09:45	Urban Development Krass HS EE	Principles of Building Studies and Design Morger HS EE		Communication of Architecture Rambow HS NH	Building Survey and Survey Juretzko, Koch HS FH
11:15					
11:30	Urban Development Krass HS EE	Principles of Building Studies and Design Morger HS EE	Basics of Urban Planning Bava, Engel HS 9	Scientific Methods for Architecture Rambow HS FH	Building History 2 Medina Warmburg HS FH
13:00					
Lunch Break					
14:00	Studio Context	Studio Context	Studio Context Focus day reviews	Studio Context	Studio Context
17:15					
17:30	Construction Planning Law Menzel HS EE		18:00–19:30 Karlsruher Architekturvorträge HS EE	18:00–19:30 Lecture Series Art History HS 9	
19:00					

HS EE Egon-Eiermann-Hörsaal (1. OG)  
 HS FH Fritz-Haller-Hörsaal (EG)  
 NH Neuer Hörsaal (EG)  
 HS 9 Hörsaal 9 (1. OG)



Timetable

6th Term Bachelor (Summer 2019)

	Monday	Tuesday	Wednesday	Thursday	Friday
08:00	Elective Courses	Elective Courses		Elective Courses	Elective Courses
09:30					
09:45	Elective Courses	Elective Courses	Advanced Topic of Bachelor Thesis	History of Art 2 Jehle HS FH	Elective Courses
11:15					
11:30	Elective Courses	Elective Courses	Advanced Topic of Bachelor Thesis	Urban History 2 Medina Warmburg HS 9	Building History 2 Medina Warmburg HS FH
13:00					
Lunch Break					
14:00	Bachelor's Thesis	Bachelor's Thesis	Bachelor's Thesis Focus day reviews	Bachelor's Thesis	Bachelor's Thesis
17:15					
			18:00 – 19:30 Karlsruher Architekturvorträge HS EE	18:00 – 19:30 Lecture Series Art History HS 9	

- HS EE

HS FH

NH

HS 9
- Egon-Eiermann-Hörsaal (1. OG)

Fritz-Haller-Hörsaal (EG)

Neuer Hörsaal (EG)

Hörsaal 9 (1. OG)

STUDY STRUCTURE BACHELOR'S PROGRAM SPO2016													
Field title	Module ID	CP Modul e	Conditions / Prerequisites Module	Module Component ID	Module Component Title	Examination	CP Module Com- ponent	semester assignment					
Conditions / Prerequisites Field								1	2	3	4	5	6
Module title								CP	CP	CP	CP	CP	CP
<b>Designing (40 CP)</b>													
All modules in this field are compulsory modules.													
Studio Space	M-ARCH-103547	10	-	T-ARCH-107274	Design in Studio Space Frohn	Examination of another kind	10	10					
Studio Structure	M-ARCH-103548	10	orientation examination	T-ARCH-107277	Design in Studio Structure Wappner	Examination of another kind	10	10					
Studio Material	M-ARCH-103549	10	successful completion of module studio architecture	T-ARCH-107280	Design in Studio Material Wappner	Examination of another kind	10		10				
Studio Context	M-ARCH-103550	10	-	T-ARCH-107283	Design in Studio Context Engel	Examination of another kind	10			10			
<b>Integral Designing (14 CP)</b>													
All modules in this field are compulsory modules.													
Studio System	M-ARCH-103551	10	-	T-ARCH-107286	Design in Studio System Hebel	Examination of another kind	10					10	
Sustainability	M-ARCH-103552	4	-	T-ARCH-107289	Sustainability	Examination of another kind	4					4	
<b>Construction Technology (32 CP)</b>													
All modules in this field are compulsory modules.													
Building Materials Science	M-ARCH-103553	4	-	T-ARCH-107290	Building Materials Science	Examination of another kind	4	4					
Basics of Building Construction	M-ARCH-103554	4	-	T-ARCH-107291	Basics of Building Construction	Examination of another kind	4	4					
Static and Strength of Materials	M-ARCH-103555	4	Exercise is a requirement for written examination.	T-ARCH-107292	Static and Strength of Materials	Written examination	4	4					
				T-ARCH-109234	Static and Strength of Materials - Exercise	completed coursework	0	0					
Building Physics	M-ARCH-103556	4	orientation examination	T-ARCH-107293	Building Physics	Examination of another kind	4	4					
Building Construction	M-ARCH-103557	4	-	T-ARCH-107294	Building Construction	Examination of another kind	4	4					
Structural Design	M-ARCH-103558	4	Exercise is a requirement for written examination.	T-ARCH-107295	Structural Design	Written examination	4	4					
				T-ARCH-109235	Structural Design - Exercise	completed coursework	0		0				
Building Services	M-ARCH-103559	4	-	T-ARCH-107296	Building Services	Examination of another kind	4	4					
Construction Economics and Law for Architects	M-ARCH-103560	4	-	T-ARCH-107297	Construction Economics and Law for Architects	Examination of another kind	4					4	
<b>Theoretical and Historical Basics (20 CP)</b>													
All modules in this field are compulsory modules.													
Theory of Architecture 1	M-ARCH-103561	4	orientation examination - Exercise is a requirement for written examination.	T-ARCH-107298	Theory of Architecture 1	Written examination	4	4					
				T-ARCH-109236	Theory of Architecture 1 - Exercise	completed coursework	0	0					
Theory of Architecture 2	M-ARCH-103562	4	Exercise is a requirement for written examination.	T-ARCH-107299	Theory of Architecture 2	Written examination	4	4					
				T-ARCH-109237	Theory of Architecture 2 - Exercise	completed coursework	0	0					
Building History 1	M-ARCH-103563	4	-	T-ARCH-107300	Building History 1	Written examination	4	4					
Building History 2	M-ARCH-103564	4	-	T-ARCH-107301	Building History and Building Survey	Examination of another kind	3			3			
				T-BGU-108019	Survey	completed coursework	1			1			
Communication of Architecture and Scientific Methodology	M-ARCH-103565	4	-	T-ARCH-107302	Communication of Architecture and Scientific Methodology	Written examination	4			4			
<b>Designing and Representing (20 CP)</b>													
All modules in this field are compulsory modules.													
Basics of Design Theory	M-ARCH-103566	4	-	T-ARCH-107303	Basics of Design Theory	Examination of another kind	4	4					
Artistic and Sculptural Design	M-ARCH-103567	4	-	T-ARCH-107304	Artistic and Sculptural Design	Examination of another kind	4	4					
Architectural Geometry and Digital Form Design 1	M-ARCH-103568	4	orientation examination	T-ARCH-107305	Architectural Geometry and Digital Form Design 1	Examination of another kind	4	4					
Architectural Geometry and Digital Form Design 2	M-ARCH-103569	4	-	T-ARCH-107306	Architectural Geometry and Digital Form Design 2	Examination of another kind	4	4					
Architectural Geometry and Digital Form Design 3	M-ARCH-103570	4	-	T-ARCH-107307	Architectural Geometry and Digital Form Design 3	Examination of another kind	4		4				
<b>Urban- and Landscape Planning (20 CP)</b>													
All modules in this field are compulsory modules.													
Basics of Urban Planning	M-ARCH-103571	4	Exercise is a requirement for written examination.	T-ARCH-106581	Basics of Urban Planning	Written examination	4				4		
				T-ARCH-109964	Principles of Building Studies and Design - Exercise	completed coursework	0			0			
Principles of Building Studies and Design	M-ARCH-103572	4	Exercise is a requirement for written examination.	T-ARCH-107309	Principles of Building Studies and Design	Written examination	4			4			
				T-ARCH-109233	Principles of Building Studies and Design - Exercise	completed coursework	0			0			
Urban Development and Construction Planning Law	M-ARCH-103573	4	-	T-ARCH-107310	Städtebau und Bauplanungs- und Bauordnungsrecht	Examination of another kind	4			4			
Urban Development-, Building- or Art History 1	M-ARCH-103574	4	-	T-ARCH-107311	Urban Development-, Building- or Art History 1	Written examination	4				4		
Urban Development-, Building- or Art History 2	M-ARCH-103575	4	-	T-ARCH-107312	Urban Development-, Building- or Art History 2	Written examination	4						4

STUDY STRUCTURE BACHELOR'S PROGRAM SPO2016														
Field title		Module ID	CP Modul e	Conditions / Prerequisites Module	Module Component ID	Module Component Title	Examination	CP Module Com- ponent	semester assignment					
Conditions / Prerequisites Field									1	2	3	4	5	6
Module title									CP	CP	CP	CP	CP	
<b>Specialization (16 CP)</b>														
The module "Advanced Topic of Bachelor Thesis" is compulsory, from the other modules three have to be chosen.														
Advanced Topic of Bachelor Thesis		M-ARCH-103576	4	-	T-ARCH-107688	Advanced Topic of Bachelor	completed coursework	3					3	
					T-ARCH-107690	Advanced Topic of Bachelor - Portfolio	completed coursework	1					1	
Selected Topics of Building Studies and Design		M-ARCH-103577	4	-	T-ARCH-107317	Selected Topics of Building Studies and Design	Examination of another kind	4				x	x	
Selected Topics of Descriptive Geometry		M-ARCH-103578	4	-	T-ARCH-107318	Selected Topics of Descriptive Geometry	Examination of another kind	4					x	
Selected Topics of Drawing		M-ARCH-103579	4	-	T-ARCH-107319	Selected Topics of Drawing	Examination of another kind	4					x	
Visualization Methods		M-ARCH-103580	2	-	T-ARCH-107320	Visualization Methods	Examination of another kind	4				x	x	
Selected Topics of Architecture, Furniture and Design		M-ARCH-103581	4	-	T-ARCH-107321	Selected Topics of Architecture, Furniture and Design	Examination of another kind	4					x	
Selected Topic of Fine Art 1		M-ARCH-103582	4	-	T-ARCH-107322	Selected Topic of Fine Art 1	Examination of another kind	4					x	
Selected Topics of Fine Arts 2		M-ARCH-103583	4	-	T-ARCH-107323	Selected Topics of Fine Arts 2	Examination of another kind	4					x	
Selected Topics of Architectural Theory		M-ARCH-103584	4	-	T-ARCH-107324	Selected Topics of Architectural Theory	Examination of another kind	4					x	
Architectural Theory Research Topics		M-ARCH-103585	4	-	T-ARCH-107325	Architectural Theory Research Topics	Examination of another kind	4					x	
Selected Topics of Communication in Architecture		M-ARCH-103586	4	-	T-ARCH-107326	Selected Topics of Communication in Architecture	Examination of another kind	4					x	
Selected Topics of Building Technology		M-ARCH-103587	4	-	T-ARCH-107327	Selected Topics of Building Technology	Examination of another kind	4					x	
Selected Topics of Building Construction Analysis		M-ARCH-103588	4	-	T-ARCH-107328	Selected Topics of Building Construction Analysis	Examination of another kind	4					x	
Selected Topics of Sustainability		M-ARCH-103684	4	-	T-ARCH-107426	Selected Topics of Sustainability	Examination of another kind	4					x	
Methodical and Technical Planning Tools		M-ARCH-103589	4	-	T-ARCH-107329	Methodical and Technical Planning Tools	Examination of another kind	4					x	
Structural Analysis		M-ARCH-103590	4	-	T-ARCH-107330	Structural Analysis	Examination of another kind	4					x	
Selected Topics of Structural Design		M-ARCH-104513	4	-	T-ARCH-109243	Selected Topics of Structural Design	Examination of another kind	4					x	
Selected Topics of Building Technology		M-ARCH-103591	4	-	T-ARCH-107332	Selected Topics of Building Technology	Examination of another kind	4					x	
Selected Topics of Building Physics		M-ARCH-103592	4	-	T-ARCH-107333	Selected Topics of Building Physics	Examination of another kind	4					x	
Selected Topics of Urban Design		M-ARCH-103593	4	-	T-ARCH-107334	Selected Topics of Urban Design	Examination of another kind	4					x	
Selected Topics of Urban Design - workshop		M-ARCH-103811	4	-	T-ARCH-107697	Selected Topics of Urban Design - Workshop	Examination of another kind	4					x	
Selected Topics of Art History		M-ARCH-103594	4	-	T-ARCH-107335	Selected Topics of Art History	Examination of another kind	4					x	
Selected Topics of Building History		M-ARCH-103595	4	-	T-ARCH-107336	Selected Topics of Building History	Examination of another kind	4					x	
Building Survey		M-ARCH-103596	4	-	T-ARCH-107337	Building Survey	Examination of another kind	4					x	
In-depth Surveying for Architects		M-BGU-104002	4	-	T-BGU-107443	In-depth Surveying for Architects	Examination of another kind	4					x	
Basis Course Photogrammetry		M-BGU-	4	-	T-BGU-107444	Basis Course Photogrammetry	Examination of another kind	4					x	
<b>Interdisciplinary Qualifications (6 CP)</b>														
Key Qualifications	M-ARCH-103602	6	"Key qualifications at the HoC and "Workshop Introduction" are compulsory, the remaining module components are selectable.	T-ARCH-107338	Key Qualifications at the HoC	completed coursework	1					1		
				T-ARCH-107340	Workshop Introduction	completed coursework	1	1						
				T-ARCH-107339	Key Qualifications at the HoC 1	completed coursework	2					x	x	
				T-ARCH-107341	Basic Course in the Study Workshop Photography	completed coursework	4					x	x	
				T-ARCH-107342	Basic Course in the Study Workshop Modell	completed coursework	4					x	x	
				T-ARCH-109970	Visit lecture series Bachelor	completed coursework	1					x	x	
				T-ARCH-107703	Internship	completed coursework	5					x	x	
<b>Bachelor Thesis</b>														
Successful completion of the subjects "Designing" and "Integral Designing" and additional module examinations amounting to 76 CP.														
Bachelor Thesis		M-ARCH-103546	12	-	T-ARCH-107248	Bachelor Thesis	Bachelorarbeit mit Präsentation	12					12	
Total			180						31	30	30	31	30	

*italic font = new module / new module component / change to SS 19*

## Architecture Bachelor 2nd Term

1720510-12

### Design in Studio Structure (Haug, Vallebuona, Wappner)

The aim of the "Structure Studio" is to transport fundamental knowledge on the basics of construction technology, such as the approach to materials and construction details within the architectural project. The crucial factor defining the character as well as the embodiment of a building, lies within the synthesis of functional and technological necessity, and the creative intention of its design. For this reason, the main focus of the course falls on the grasp of primary constructive, building conditions, as well as the understanding of construction technology within a broader architectural concept. As such, the studio will comprise of two design exercises exploring the specific characteristics of solid and light-frame structures.

Appointment: Mo-Fr, 14:00 - 17:15, 11.40 R027

First Meeting: 17.04.2019, 1:00 pm, Egon-Eiermann HS, Bldg. 20.40

Pin-Up: 07.05.2019

Submission/Exam 1: 29.05.2019

Pin-Up: 26.06.2019

Submission/Exam 2: 24.07.2019

Language: German/English

Haug, Thomas  
Matthes, Tiago  
Tusinean, Monica

Vallebuona, Renzo  
Schmidt, Sophia  
Michalski, Manuel

Wappner, Ludwig  
Schneemann, Falk  
Hoffmann, Peter

1720561

### Building Construction

The lecture series „Basics of Construction Technology“ is intertwined with the contents of the studio. The lectures are structured by basic elements of construction and are conveying a deeper look into the relations between material, detail, construction and design, illustrated by contemporary as well as classical built examples. The main focus lies on analysis and reflection, which complement fundamental technical aspects. As such, the lecture series works as the basis and impulse for

autodidactic work, which is essential for studio activity.

Appointment: Wed 09:45-13:00

20.40 Eiermann

Language: German

Haug, Thomas

1720953

### Building Physics

In this lecture module questions with regard to outdoor and indoor climate, heat protection in winter and summer, heating energy balance, passive solar energy use, energy-efficient and climate-conscious design, moisture protection, as well as noise and fire protection are addressed. Additionally, methods and calculation routines/tools for heat and moisture protection and energy performance evaluation are introduced. For qualification targets see module handbook.

Appointment: Mon, 11:30 - 13:00,

20.40 Fritz-Haller HS

First Meeting: 29.04.2019, 9:45,

20.40 Fritz-Haller HS

Examination: 30./31.07, 01.08.2019

Language: German

Wagner, Andreas

1720952

### Building Physics

In the exercise module accompanying the lecture, indoor climate quantities are measured and evaluated in a first step. This is followed by the assessment of conceptional aspects regarding energy-efficient and climate-conscious design, by applying calculation routines/tools to quantify energy as well as heat and moisture transfer related questions.

Appointment: Mon, 9:45 - 11:15, Fritz-Haller HS

First Meeting: 29.04.2019, 11:30, Fritz-Haller HS

Language: German

Wagner, Andreas

Mende, Sandra

1720902

### Static and Strength of Materials (lecture)

This module is designed to give students the theoretical and practical aspects for planning simple structures. It gives an overview of the spatial construction of simple structures and conveys the knowledge about the laws of elementary statics for practical applications in structural design. (more informations on the FGB-Website: <http://fgb.ieb.kit.edu/636.php>)

Appointment: Tuesday 9:45-11:15 am

20.40 Fritz-Haller HS

First Meeting: 23.04.2019, 9:45,

20.40 Fritz-Haller HS

Examination: 09.08.2019 14 pm | 30.33 Messtechnik-Hörsaal (MTI)

Language: German

Wagner, Rosemarie

1720903

## Static and Strength of Materials (practice)

The lectures on „statics and strength of materials“ are complemented by practical and theoretical exercises. The students learn the application-oriented implementation of the basics conveyed in the lectures by means of practice-related exercises. (more informations on the FGB-Website: <http://fgb.ieb.kit.edu/636.php>)

Appointment: Tuesday 8:00-9:30 am

20.40 Fritz-Haller HS

First Meeting: 23.04.2019, 9:45, 20.40 Fritz-Haller HS

Language: German

Wagner, Rosemarie

Sum, Bernd

1720904

## Static and Strength of Materials (tutorial)

The lectures on „statics and strength of materials“ are complemented by practical and theoretical exercises. The students learn the application-oriented implementation of the basics conveyed in the lectures by means of practice-related exercises. (more informations on the FGB-Website: <http://fgb.ieb.kit.edu/636.php>)

Appointment: Tuesday 11:30 am -1:00 pm

20.40 Fritz-Haller HS

First Meeting: 23.04.2019, 9:45,

20.40 Fritz-Haller HS

Language: German

Wagner, Rosemarie

Sum, Bernd

1710402

## Theory of Architecture 2

The one-year lecture series Architecture Theory I (winter term) and II (summer term) provides an overview of design strategies, spatial concepts and social images of the 20th and 21st century. It focuses on the cultural history of architecture and urban discourse as well as its interrelations with political debates, technical conditions, economic developments, social practices and aesthetic ideas of the respective period. Based on current issues, the emphasis of the course lies in the theoretical reflection and historical analysis of architectural

thought collectives in the context of politics, art, science, and technology.

Appointment: Thu 09:45 am - 01:00 pm,

20.40. Egon-Eiermann HS (HS 16)

First meeting: 25.04.2019, 09:45 am

Submission/Exam: 05.08.2019

Language: German

Vrachliotis, Georg

1710153

## Architectural Geometry 2

Perspective with perpendicular image plane

Appointment:

Lecture: Fri 9:45 am to 11:15 am, Egon-Eiermann lecture hall, 20.40

Exercise: Fri 11:30 am to 1:00 pm, studio, 11.40

Additional Explanations: Tue 5:30 pm to 7:00 pm,

Egon-Eiermann lecture hall, 20.40

Period: April 26th to June 6th 2019

Language: German

Beyer, Udo

1710154

## Digital Form Design 2

Layout and image processing with digital tools

Appointment:

Lecture: Fri 9:45 am to 11:15 am, Egon-Eiermann lecture hall, 20.40

Exercise: Fri 11:30 am to 1:00 pm, studio, 11.40

Period: June 14th to July 26th 2019

Language: German

Krnđija, Aleksandar

Kosoric, Maximilian

1700053

## Workshop Introduction

Only after the successful introduction of the individual study workshops are they available for use at leisure. The workshop introductions must be completed by the end of the 6th Bachelor's semester.

Recommendations for the course in the Bachelor's program of the individual introductory events:

1st semester: Studienwerkstatt Modellbau (Manfred Neubig) and Studienwerkstatt Fotografie (Bernd Seeland)

2nd semester: Studienwerkstatt Metall (Andreas Heil) and Studienwerkstatt Holz (Anita Knipper)

3rd semester: Studienwerkstatt Digital (Willy Abraham)

Appointment: see notices on the workshop board  
Examination: Participation is confirmed on workshop driver's license

Abraham, Willy

Heil, Andreas  
Knipper, Anita  
Neubig, Manfred  
Seeland, Bernd

## 4th Term

1731201/1731067/1731152

### **Design in Studio Context: Oberreut - Modernity meets Suburbia (Bava, Krass, Engel)**

For the approximately 28 ha plan area in Oberreut, on the south-western edge of the city of Karlsruhe, an urban design for a sustainable residential district is to be developed. The site is located in the north of the Oberreut district and borders the two districts Grünwinkel and Bulach. Advantages of the site are its good linkage to the city center and the motorway and the immediate vicinity to the green belt, which is also described in the Räumliches Leitbild Karlsruhe. The proximity to the forest and the field can be experienced as a recreational area for the future inhabitants. The heterogeneity of the surrounding structures for trade, agriculture, education and housing creates different influencing factors that represent conflicts as well as opportunities for the entire planning area. Based on an intensive examination of the location, the task of the studio is to develop concepts and a urban plan for a residential area with complementary infrastructure that would offer high quality of living for different user groups.

Appointment: Mo – Fr, 14:00 – 17:15,  
Bldg. 11.40, R014  
First Meeting: Wed 17.04.19, 10:00,  
Bldg. 20.40, Hörsaal Egon Eiermann  
Excursion: Wed 17.04.19, 14:00 – 17:15  
Pin-Up: Wed 22.05.19, 09:00 – 15:00 and Wed  
26.06.19, 09:00 – 15:00  
Submission/Exam: Wed 31.07.19, 09:00 – 15:00  
Occupancy only by allocation procedure (groups of four)  
Language: German/English  
Bava, Henri  
Abromeit, Annette

Krass, Philipp  
Kaltenbach, Markus

Engel, Barbara  
Reuß Brezovska, Marketa  
Baek, Han Yeol

1731203

### **Basics of Urban Planning**

The lectures introduce and deepen the basic understanding of urban design, urban planning and landscape planning. There are taught methods of perception, critical analysis, presentation and interpretation of urban situations, which will be studied as part of a field trip to Frankfurt. The lectures provide the necessary content and theoretical foundations for the design work in the „Studio context“. Joint city walks through various quarters in Karlsruhe sharpen the view of the urban space. Designrelevant topics are discussed using concrete examples, analyzed and applied in the form of small exercises.

Appointments: Wednesday, 09:00 – 11:15,  
Bldg. 20.40, Fritz-Haller-HS,  
First Meeting: 24.04.19, 9:00 Uhr,  
Fritz-Haller-HS, Bldg. 20.40  
Excursion: 02.05.19-03.05.19, jeweils ganztägig  
Frankfurt am Main  
Submission/Exam: 14.08.19  
Language: German  
Bava, Henri  
Engel, Barbara  
Reuß Brezovska, Marketa  
Baek, Han Yeol  
Abromeit, Annette

1731051

### **Urban Development**

Appointment: Mo 09:45-13:00 20.40 Eiermann  
Language: German  
Krass, Philipp

1731168

### **Construction Planning Law**

The lecture deals with building law in Germany.

Appointment: Mo 17:30-19:00,  
Bldg. 20.40, Egon-Eiermann HS (HS16)  
First Meeting: Mo 29.04.2019, 17:30-19:00,  
Bldg. 20.40, Egon-Eiermann HS (HS16)  
Exam: Mo, 12.08.2019, 17:00-18:30,  
Bldg. 20.40, Fritz-Haller HS (HS37)  
Language: German  
Menzel, Jörg

1710202

### **Principles of Building Studies and Design**

Building typology is the study of how architecture comes together. It is the study of collected information on buildings, but also of seeing and understanding interrelationships and principles of order. In the natural sciences classification – or taxonomy – was a first step toward understanding

how natural processes take place. In architecture, building types are conventionally classified according to their uses in order to be subject to exemplary study. The lectures' chronologies trace the continuous evolution of important types from their origins until the present. The lectures are supplemented by a series of exercises.

Appointment: Tuesday 9:45 - 11:15 a.m.  
 20.40 Eiermann  
 First meeting: 7.5.2019  
 Submission/Exam: Tuesday, 6.8.2019 8:00 - 9:30 a.m.  
 Language: German  
 Morger, Meinrad  
 Kunkel, Steffen

1710203

**Principles of Building Studies and Design**

Tue 08:00-09:30 20.40 Eiermann from 04/23 until 07/23  
 Appointment: Tue 11:30-13:00 20.40 Eiermann  
 First meeting: 7.5.2019 Morger, Meinrad  
 Language: German  
 Kunkel, Steffen

1710450

**Introduction to the Communication of Architecture**

This lecture series serves as an introduction to the theory and practice of Communication of Architecture. The central problems are formulated, important fields of application are presented, useful strategies and tools for communication are introduced and discussed in terms of strengths and weaknesses. The concluding written test is referring to the whole module, including the lecture series „Scientific Methods for Architecture“.

Appointment: Thursday 9:45-11:15,  
 20.40, Neuer Hörsaal  
 First Meeting: 25 April 2019, 9:45,  
 20.40, Neuer Hörsaal (R 003)  
 Submission/Exam: 8 August 2019, 12:30-14:00,  
 20.40, Fritz-Haller HS  
 Language: German  
 Rambow, Riklef

1710451

**Scientific Methods for Architecture**

The lecture series asks for the meaning and importance that scientific methods have for the discipline of architecture. Following a short introduction to Epistemology and the Philosophy and Sociology of Science, different strategies of knowledge production are presented and tested for relevance by analysis of classical as well as

contemporary studies in the fields of architectural and urbanistic research. The concluding written test is referring to the whole module, which also includes the lecture series „Introduction to the Communication of Architecture“.

Appointment: Thursday 11:30-13:00, 20.40,  
 Fritz-Haller HS  
 First Meeting: 25 April 2019, 11:30, 20.40,  
 Fritz-Haller HS  
 Submission/Exam: 8 August 2019, 12:30-14:00,  
 20.40, Fritz-Haller HS  
 Language: German  
 Rambow, Riklef

1741355

**Lecture Building History 2**

This lecture series offers an introduction into the development of architecture since the Enlightenment. Selected examples will be examined in chronological order, discussing central themes and issues of today's architectural history. We will tackle the task of analyzing the driving forces and factors that determine the cultural change in both the production and the interpretation of architecture. The goal is to describe this change through the ages and to understand its historical logic. The insights gained are to be brought into a lively connection with the present, hopefully contributing as cultural references to the development of future-oriented approaches. This semester, the lectures will be devoted to the fundamental changes in architecture since the Enlightenment and the Industrial Revolution. As early as the 19th century, construction was faced with fundamentally new tasks that overburdened the traditional canon of classical architectural languages. Architects have since been trying to respond to constantly changing requirements. The cult of the new, however, must not hide the fact that Modernity has long since developed its own traditions.

Appointment: Friday 11:30-13:00 Uhr,  
 20.40 Fritz-Haller HS  
 Submission/Exam: 16.08.2019  
 Language: German  
 Medina Warmburg, Joaquín

1741356

**Building Survey and Survey**

Appointment: Fri 09:45-11:15  
 20.40 Fritz-Haller-HS  
 Language: German  
 Juretzko, Manfred  
 Koch, Nikolaus

## 6th Term

1710112

**Bachelor's Thesis (Frohn)**

Studio Raum deals with institutional spaces. How do they embody social rituals and rules and how are they formalized? The school landscape in Germany is changing. According to current studies, the continuing trend towards full-time school is creating a need for 10,000 classrooms over the next 15 years. In the context of community schools, this is not only a continually changing place for learning and communication but also a place for leisure time and everyday life. In the current semester the students develop new conceptual, programmatic and spatial approaches to the institutionalized overlay of learning and everyday life.

Appointment: Mo-Fr 14:00-17:15 Uhr, 20.40 R105

First Meeting: 04.04.19 12:00 Uhr

Pin-Ups: 1.Pin-Up: 08.05.18, 2.Pin-Up:05.06.19

Excursion: 12.-14.04.19

Submission/Exam: 04.07.19 12:00 Uhr

Presentation: 8./9. or 10.07.19 at Innenhof West (Glashaus)

Language: German

Frohn, Marc

Wetzel, Gerd

Panzer, Tim

1710111

**Advanced Topic of Bachelor Thesis (Frohn)**

Appointment: Wed 09:00-13:00 20.40 R105

Frohn, Marc

Wetzel, Gerd

Panzer, Tim

1710302

**Bachelor's Thesis: Parking and SAAI (Hartmann)**

In their Bachelor thesis, the students are asked to develop a building that will be used, in its "first-life cycle", as a Parking Garage for the KIT but which will have the necessary infrastructural and architectural intentions that would allow it to become the house for the archive and a study center for the SAAI in the future. The plot, located next to the Faculty of Mathematics of KIT, it is strategically important for both city and campus, although nowadays is just a parking lot. The task is a combination of two real needs: the first, is

that the premises of the SAAI are reaching the limits of their capabilities today. The importance of the documents that have been collected spans beyond the simple need of archiving and preserve them. Research and controlled disclosure of their content requires special designed spaces; The second real need is obvious to every visitor to KIT: The outer areas of the campus close to the city are primarily parking spaces and therefore lost for any interesting activity. People's technologies and mobility behavior are evolving and there are many indications that classic parking becomes less important. Therefore, it does not make sense to build just for this one purpose. The students will develop an architectural project that will be informed by their personal understanding of the site, the twofold program and a speculation on what will be the future of Mobility.

Appointment: Mo-Fri, 02:00 pm - 05:15 pm,

Bldg.11.40 R114

First Meeting: 04.04.2019, 02:00 pm, Bldg. 20.40

R204 FG BK

Pin-Up: 29./30.05.2019

Submission: 04.07.2019 till 12:00 am

Exam:09./10.07.2019

Language: German/English

Hartmann, Simon

Krüger, Benjamin

Branasac, Angela

1710311

**Advanced Topic of Bachelor Thesis: Parking and SAAI - Toolbox (Hartmann)**

Distributed over the entire duration of the bachelor thesis, at a rate of approximately 14 days, the students will be introduced to a set of techniques of representation that will focus on specific topics and their respective importance on the different stages of the development of an architectural project.

Appointment: 24.04./8.5./22.5./5.6./19.6.2019

First Meeting : 04.04.2019, 02:00 pm, Bldg. 20.40

R204 FG BK

Exam: at Presentation BA

Language: German/English

Hartmann, Simon

Santana, Mariana

Krüger, Benjamin

1710201

**Bachelor's Thesis: Student Housing in Karlsruhe (Morger)**

With this summer semester's final Bachelor Degree design project we turn our attention to the building type of student housing. What different roles does this type play in the 21st century in the



lives of its inhabitants and for the city? We dedicate ourselves to this type knowing that currently, student housing or dormitories are generally no longer considered to be centers of community during one's studies. And yet, today there is perhaps more potential than ever before that a house for students become a place of living, working, community, and interaction in the life of the city. This depends, of course, on a clear understanding of the reciprocity of house and city. Being the final Bachelor project, the design process is to be structured with respect to the concrete needs of a spatial program and to the basic rules of building. An intensive examination of the project's specific site and its urban context is first necessary to provide the basis of an architectural idea which will in turn encompass the type, the structure, and the form of a "House for Students" in Karlsruhe.

Appointment: Monday-Friday 2:00-5:15 pm, 11.40, room 114

First Meeting: Thursday 4.4.2019, 2:00 pm, room 113

Pin-Up: Wednesday 17.4., 15.5., 12.6.

Excursion: Karlsruhe / Meeting at sight, Th 04.04.2019, 03:30 pm

Submission/Exam: 09.-10.07.2019

Language: German

Morger, Meinrad

Schilling, Alexander

Kunkel, Steffen

Zaparta, Eleni

1710211

**Advanced Topic of Bachelor Thesis (Morger)**

Participation only in connection with the Bachelor Thesis, Prof. Morger

First Meeting: Th., 4.4.2019, 02:00 pm, room 113

Submission/Exam: in connection with Bachelor Thesis

Morger, Meinrad

Kunkel, Steffen

Schilling, Alexander

Zaparta, Eleni

1720507

**Bachelor's Thesis: Ozeaneum - Oceanographic Institute Trieste (Wappner)**

The task provides for the design of an institute building, which offers researchers infrastructural and representative facilities at a central location. In addition to the institutional uses, a plausible public part with café and exhibition space is to be established.

Appointment: Mo-Fr 2:00 - 5:15 pm, 20.40 R103

First Meeting: 04.04.2019: 2:00 pm, R240 (Semi-

narraum Bauko), Bldg. 20.40

Pin-Up: 08.05.2019: 05.06.2019

Excursion: 06.04.2019 - 09.04.2019

Submission/Exam: 09./10.07.2019

Language: German/English

Wappner, Ludwig

Haug, Thomas

Fischer, Ulrike

Schneemann, Falk

Matthes, Tiago

Hoffmann, Peter

Tusinean, Monica

1720508

**Advanced Topic of Bachelor Thesis: REFLEXIV (Wappner)**

Appointment: Wed 10:30-13:00 20.40 R240 FG BK Wappner, Ludwig

1741353

**Urban History 2**

The second part of the lecture series on the history of urban planning will be devoted to the historical development of the city from the Enlightenment to the present day. We will analyze selected cases in chronological order, describing their specific sequences of morphological levels (parcel, building, block, etc. up to the regional scale) in their mutual interaction, in particular the immediate connection between building and city (architecture and urban planning). The increasing interdependencies between town and country -with their vanishing border- since industrialization are to be problematized. One recurrent topic will be the analysis of the various determining factors, such as social, cultural, political, technical, economic or ecological conditions, which have been decisive for the emergence of historic city forms. This consideration of historical forms of the city can also be understood as an exploration of contemporary urbanization processes.

Appointment: Thursday 11:30-13:00 Uhr, 20.40 HS 9

Submission/Exam: 26.07.2019

Language: German

Medina Warmburg, Joaquín

1741355

**Lecture Building History 2**

This lecture series offers an introduction into the development of architecture since the Enlightenment. Selected examples will be examined in chronological order, discussing central themes and issues of today's architectural history. We will tackle the task of analyzing the driving forces and factors that determine the cultural

change in both the production and the interpretation of architecture. The goal is to describe this change through the ages and to understand its historical logic. The insights gained are to be brought into a lively connection with the present, hopefully contributing as cultural references to the development of future-oriented approaches. This semester, the lectures will be devoted to the fundamental changes in architecture since the Enlightenment and the Industrial Revolution. As early as the 19th century, construction was faced with fundamentally new tasks that overburdened the traditional canon of classical architectural languages. Architects have since been trying to respond to constantly changing requirements. The cult of the new, however, must not hide the fact that Modernity has long since developed its own traditions.

Appointment: Friday 11:30-13:00 Uhr,  
20.40 Fritz-Haller HS  
Submission/Exam: 16.08.2019  
Language: German  
Medina Warmburg, Joaquín

1740132

### History of Art: 20th century art

Almost every achievement of previous epochs of art seems to be in the foreground of the twentieth century, be it the spatial structuring of pictorial space or the attempts of impressionism to give the dissolution of the perceptual data a final, pointillist solidification. We take a close look at artistic games played with a serious purpose, as they always apply to aesthetic and social norms. Not only as a polemic against classical pictorial conventions, but always as a search for new pictorial designs and artistic answers: They all tried (and so do we) to understand the development history of the 20th century - before we undertake the „exit from the picture“ with the presentation of art after 1945 (Uwe M. Schneede).

Appointment: Thu 9:45-11:15,  
20.40 Fritz-Haller HS  
Exam: 26.07.2019  
Language: German  
Jehle, Oliver

## 6th Term Compulsory Elective Courses

1710163

### Selected Topics of Drawing: Drawing

### Excursion Summer

Drawing as a method of exploring reality/-ies in an individual approach and perception shall be used for a free evolvement of personality. Preliminary meetings introduce general questions which are basis for an intense work with graphic means of expression during the excursion days. We will be accommodated at Ferme de la Salvétat on the Causse du Larzac in South France with excellent food. The travel has to be organised with private cars.

Appointment: Mo 5:30 pm to 7:00 pm, preliminary meetings every other week,  
R104 Grüne Grotte, 20.40  
First Meeting: Monday 6th May 2019, 5:30 pm,  
R104 Grüne Grotte, 20.40  
Excursion: August 19th to 30th, 2019 to South France  
Number of Participants: 5 Bachelor, 8 Master  
Language: German  
Beyer, Udo

1710165

### Visualisation Methods: Visualisation as projecting tool

Extensive practice of a visualisation technique in the design process. A specific question of the design task has to be examined with an appropriate visualisation technique to generate variants of solutions. Methods like Collage, Rendering, Drawing, Model or Animation are to be seen and used as tools for creating ideas. The result is a documentation of the design.

Appointment: Consultations according to agreement, R215, 20.40  
Number of Participants: 5 Bachelor, 5 Master  
Language: German/English  
Beyer, Udo

1710255

### Selected Topics of Architecture, Furniture and Design: WORLD OF NEW MATERIALS

Mindfulness and essentiality in architecture, interior and design. The seminar offers theory, exercises and practice on basic lectures, guest lectures, student presentations and compulsory excursions to current trends in architecture and design. It begins with an introduction to design history of the 20th century, focuses on guest lectures by designers and material experts and provides insights into the laboratories and new headquarters of Merck in Darmstadt as a global player in the development of future Design Colours, Screens and special applications.

Appointment: Tuesday 10:00-12:00, 20.40, R108,

LG a+m

First Meeting: Tuesday 23 April 2019, 10:00,

20.40, R108, LG a+m

Excursion to Darmstadt on 30 April 2019

Submission/Exam: Tuesday 9 July 2019, 10:00, 20.40

Number of Participants: 10 Bachelor, 10 Master

Language: German

Dill, Alex

1710361

**Selected Topics of Drawing: Nude Drawing**

Appointment: Mo & Th 06:15 pm - 09:15 pm,

20.40 R204 FG BK

First meeting: Thursday, 25.04.2019, 06:15 pm,

20.40 R204 FG BK

Submission/ Exam: 05.08.2019, 09:00 am,

20.40 R204 FG BK

Number of participants: 15

Language: German

Globas, Jörg

1710362

**Selected Topics of Drawing: The Object - context, concept and art**

Starting from a personal object, new contexts and concepts for the creative design of a three-dimensional object are created in a process-oriented, artistic way of working. The materials for the realization can be freely chosen. The Work Order: Choose an object to which you have a personal connection and bring it with you to the first seminar on 29.04.2019. The object should therefore not be too large, not too small, not too heavy and durable until the end of the semester. Living or transient things are excluded!

Appointment: Mo 09:45 am - 01:00 pm,

20.40 R221 FG BPL

First meeting: Monday, 29.04.2019, 09:45 am,

20.40 R221 FG BPL

Submission/ Exam: 05.08.2019, 09:45 am - 01:00 pm, 20.40 R221 FG BPL

Number of participants: 15

Language: German/English

Kranz, Fanny

1710405

**Selected Topics of Architectural Theory: The Space of In/Stability**

„Architecture never derived its force from stability of culture, but rather from the expression of those moments when that sense of stability slipped.“ For Mark Wigley, curator of the exhibition Deconstructivist Architecture which opened at the Museum of Modern Art in New York in 1988, the power of architecture is not based on harmony,

stability and unity. Rather, instability is declared to be a key concept of architecture - culturally, socially, politically, and technically. But what does instability mean in architecture? What processes and cycles of instability are involved? Today, more than 30 years later, Wigley's provocative thesis will be taken up and discussed again.

Appointment: Tu, 11:30 am - 01:00 pm,

20.40 Grüne Grotte

First Meeting: 23.04.2019, 11:30 am Grüne Grotte

Excursion: date and destination will be announced later

Submission/Exam: 06.08.2019

Number of Participants: 10 Bachelor, 10 Master

Language: German

Vrachliotis, Georg

Gantner, Manuela

Le Gerrette, Bernita

1720553

**Selected Topics of Building Construction Analysis: MaterialConcept**

A selfselective project is analysed and examined concerning his concept and material and constructive conversion. On the basis of a comprehensive search the project is edited in drawings, understood and shown after default in a from 6 to 15-sided pamphlet with pictures and text. It concerns a looked housework with freely agreed appointments.

Control appointment: Care after arrangement

First Meeting: 02.05.2019, 2:30 pm, R240, 20.40

Excursion: The project should be visited as far as possible.

Submission/Exam: according to the arrangement

Treatment form: Single work

Number of Participants: 10 Bachelor, 10 Master

Language: German

Haug, Thomas

1720703

**Methodical and Technical Planning Tools: Systems Analysis and function-based design**

The course TMH teaches students the theoretical foundations of system oriented, holistic thinking and presents selected planning methods for system analysis and system synthesis. The supervised user- and target-group-oriented development and optimization of a product or object trains the application of the learned methods, which also include basics of marketing.

Appointment: Wednesdays 09:45-11:15 h

First Meeting: 30.04.2019, 09:45-11:15 h,

Bldg. 20.40., Room 118

Submission/Exam: 06.08.19  
 Language: German  
 Number of Participants: 8  
 von Both, Petra

1720752

**Structural Analysis:**

In this lecture, the focus is on the analytical examination of the specific constructive properties of stadiums respectively stadium roofs. These constructions have, for example special requirements on the flexible usagesness, large spans and the overall architectural demands. The task of the students is the structural and contextual analysis of a existing stadium building. The results of this analysis will be presented and discussed within the seminar group and summarized in a document. The seminar starts with topic-related lectures.

Appointment: Mo. 09:45 - 13:00, Bldg. 20.40, HS9  
 First Meeting: 06.05.2019, 09:45, Bldg. 20.40, HS9  
 Excursion: Dayexcursion, exact date will be communicated  
 Number of Participants: 15 Bachelor, 15 Master  
 Language: German  
 Pfeifer, Matthias  
 Lauterkorn, Daniel  
 Özcan, Tugay

1720909

**Selected Topics of Building Technology: Design to built**

Today, the design of buildings is mainly carried out with digital support. This allows the spatial representation of free and complex shapes, is stored with simulation programs and makes it possible, for example, to check the loadbearing capacity or light guidance in early design phases. Despite the power of this software, the question remains how exactly virtual worlds can be transferred into reality. This discussion is the content of the seminar with the aim to check already worked out drafts for their buildability and to actually build them.

Appointment: Fri, 9.45 a.m. - 1.00 p.m.  
 First Meeting: Fri, April, 26th 2019, Westhochschule Bldg. 06.34  
 Excursion: will be announced  
 Submission/Exam: Presentation with model in scale M 1:1 and documentation  
 Number of Participants: 12  
 Language: German/English  
 Wagner, Rosemarie  
 Sander, Stefan  
 Sum, Bernd

1720961

**Sected Topics of Building Physics: Fire Protection**

In the lecture module 'Fire Protection' properties of building materials and building parts and their classification in terms of fire protection, fire alarm systems, fire-extinguishing systems and fume/heat outlets, fire zones, escape routes and fire protection concepts are introduced. Besides addressing fundamental knowledge, construction and design related aspects are discussed in the context of the named topics on the basis of examples from practice. In addition, a one-day excursion to a training center for fire brigades is offered. For qualification targets see module handbook.

Appointment: Thu 17:30 - 19:00, 20.40, NH (R 003)  
 First Meeting: 25.04.2019, 17:30, 20.40, NH (R 003)  
 Examination: 12.08.2019  
 Number of Participants: 10 Bachelor, 10 Master  
 Language: German  
 Wagner, Andreas  
 Pannier, Philip

1720962

**Sected Topics of Building Physics: Energy Efficient Buildings**

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

Appointment: Tue 9:45 - 11:15, 20.40, R 240  
 First Meeting: 23.04.2019, 11:15, 20.40, R 240  
 Examination: 14.08.2019  
 Number of Participants: 10 Bachelor, 10 Master  
 Language: German  
 Wagner, Andreas

1741312

**Selected Topics of Art History: Erwin Panofsky. Selected Writings**

Appointment: Thu 8:00-9:30, 20.40 R124 FG KG  
 First Meeting: 25.04.2019  
 Submission/Exam: Hausarbeit, Abgabe am 30.09.2019  
 Number of Participants: 5  
 Language: German  
 Papenbrock, Martin

1741314

**Selected Topics of Art History: Anti-Photographers, Photographic Activities, and the Photo-Boom: Art Using Photography since the 1960s**

„We are going to talk about artists using photography. Among them happen to be photographers,” wrote Jean Clair in 1973. This differentiation between “photographic art” and “art with photography” (R. H. Krauss) since the 1960s is the subject of the course. We will discuss works by artists associated with, among others, Pop Art, conceptual art and Land Art – like Andy Warhol, Ed Ruscha, John Baldessari or Robert Smithson – to then move on to the “photographic activities” (D. Crimp) in the art of 1970s and 1980s by the likes of Cindy Sherman, Sherrie Levine, or Richard Prince, to conclude with the “photo-boom” of the 1990s, marking photography’s success as an important medium of contemporary artistic practice.

Appointment: Tue 11:30-13:00 Uhr,  
20.40 R124 FG KG

First Meeting: 23.04.2019

Submission/Exam: Hausarbeit, Abgabetermin  
30.09.2019

Number of Participants: 3 Bachelor, 2 Master

Language: German  
Filser, Barbara

1741315

**Selected Topics of Art History: Techniques of naturalness**

Shortly after 1800 the Rococo style was described with devastating words: This period of decay had developed a dishonorable art language that had not least worked in the hypertrophic folds of the robes and the endless line games of the rocaille. An indistinguishability of the levels of reality and thus a confusion of art and life was the result. How much this Rococo has developed its own discourse tradition, should show the seminar: It is about the technically possible, the artificially light and aesthetically volatile. In Sulzer’s Theory of Fine Arts (1774), the path leads back to the natural via artificiality alone – it is mother Nature herself that shows us the need for camouflage and mimicry.

Appointment: Tue 9:45-11:15, 20.40 R124 FG KG

First Meeting: 23.04.2019

Exam: Hausarbeit, Abgabe am 30.09.2019

Number of Participants: 4 Bachelor, 4 Master

Language: German/English  
Jehle, Oliver

1741316

**Selected Topics of Art History: Movement in Depictions after Étienne-Jules Marey and Eadweard Muybridge**

The French physiologist Étienne-Jules Marey and the British photographer Eadweard Muybridge lived in the exact same period (1830-1904) and shared also a set of invention that made each of them a pioneer of photography and film. In the 1870s, independently of one another, they worked out various apparatuses and arrangements to record the movements of humans and animals. Their illustrated books had a great impact on the avant-garde. How did artists and architects receive their iconic visual language, modify it, and put it into context? The course looks at positions from painting (Gericault, Duchamp), architecture (Makovec, NOX), computer animation (Franke), dance (McLaren) and film (Wachowski Sisters).

Appointment: We 9:45 - 11:15,  
20.40 R124 FG KG

First Meeting: 24.04.2019

Exam: Hausarbeit, Abgabetermin: 30.09.2019

Number of Participants: 5 Bachelor, 5 Master

Language: German

Hinterwaldner, Inge

1741357

**Ausgewählte Gebiete der Baugeschichte: Oikos. Eine Umweltgeschichte der Küche**

Most of the legends of the origins of architecture agree in identifying the hearth as the energetic and social center of the first house. In fact, until today the kitchen has remained the place where the elements are domesticated and thus also socialized. A look into the past shows that this function of the kitchen has changed over time, mainly driven by technological innovation, assuming different forms and meanings. The seminar is devoted to this transformation of the kitchen both as an artifact and as an environment: between the Primitive Hut and the Internet of Things. The course combines approaches of architectural, cultural and environmental history. The seminar participants will discuss selected topics in presentations and summarize the results in term papers.

Appointment: Tuesdays 15:45-17:15,  
20.40 R015 Seminarraum Bau- und

Architekturgeschichte

Submission/Exam: presentation and paper due  
30.09.2019

Number of Participants: 10 Bachelor, 10 Master

Language: German

Medina Warmburg, Joaquín

1741363

**Selected Topics of Building History: From „Bauhütte“ to the Bauhaus. Arts, Craft and Architecture**

„From „Bauhütte“ to the Bauhaus. Arts, Craft and Architecture“. „Bauhaus“ and „Bauhütte“? An apparent contradiction! The highly decorated medieval churches hardly correspond with the myth „Bauhaus“ and its clear, reduced architectural language. In this seminar we want to investigate the question of the connection between the medieval mason lodges and the institution of the Bauhaus Art School. For this purpose, we will examine the organization of medieval building sites and the education of builders in the late Middle Ages, we will take a look at the rediscovery of medieval architecture and the romantic glamorization of the Middle Ages in the 19th century, and finally we will examine the influence of medieval buildings and building organization on the Arts & Craft movement and the founding of the Bauhaus.

Appointment: Tuesday, 9:45-11:15, 20.40 R015  
Seminarraum Bau- und

Architekturgeschichte

Submission/Exam: presentation and paper due  
30.09.2019

First Meeting: Tuesday, 23.04.2019

Number of Participants: 9 Bachelor, 9 Master

Language: German

Brehm, Anne-Christine

1741365

**Selected Topics of Building History: Preservation of historical monuments - Theory and Practice**

The preservation and maintenance of historical monuments or monument ensembles is a task that is performed by specialized architectural firms, restorers and monument protection authorities. The seminar gives an insight into selected topics and questions. The focus is on the history and theory of monument preservation, the history of central European town houses, inventory, practical examples of monument preservation and old building renovation as well as legal considerations.

Appointment: The seminar is offered as a compact course, 20.40 R015

Seminarraum Bau- und Architekturgeschichte

Submission/Exam: presentation and paper due  
30.09.2019

First Meeting: Wednesday, 24.04.2019

Number of Participants: 10 Bachelor, 10 Master

Language: German

Hanschke, Julian

1741369

## Building Survey

14-day compact exercise with mandatory excursions, Dates and further processing by arrangement  
First meeting: Mi 24.04.19 11:30-13:00 Uhr, 20.40 R015 FG BG  
Mandatory excursion: according to prior agreement  
Participants: 6  
Language: German/English  
Koch, Nikolaus

6072203

## Basis Course Photogrammetry

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

Appointment: Fr, 09:45 - 13:00, 20.40 R015 FG BG, Practice in the afternoon  
1st meeting: 24.04.2019, 13:30, R. 028, Bldg. 20.40  
Exam: assessed project work (3D modelling of a building) consisting of the elaboration of the practical exercise  
Number of participants: 5 Bachelor, 5 Master  
Language: German  
Vögtle, Thomas

6071201

## In-depth Surveying for Architects

The focus is on the practical handling of modern electronic tachymeters, the graphic realization of the surveying results as well as the (fictitious) preparation of a site plan for the building application. In addition, an introduction to the mathematical fundamentals of surveying, terrestrial laser scanning and an overview of geodetic reference systems and official surveying are given. The event covers two semesters. It's possible to start every semester.

Appointment: Fr, 11:30 am–01:00 pm, 20.40 Jordan Hörsaal  
First meeting: Fri, 19.10.2018  
Submission/Exam: semester-accompanying depending on the exercise dates  
Number of Participants: 5  
Language: German  
Juretzko, Manfred

# Interdisciplinary Qualifications

1700056

## Key Qualifications

In the area of key qualifications, offers from the following institutions can be taken: House of Competence (HoC: [hoc.kit.edu](http://hoc.kit.edu)), Zentrum für Angewandte Kulturwissenschaft (ZAK: <http://www.zak.kit.edu/vorlesungsverzeichnis.php>) Sprachenzentrum (SPZ: <https://www.spz.kit.edu/>)

1700053

## Workshop Introduction

Only after the successful introduction of the individual study workshops are they available for use at leisure. The workshop introductions must be completed by the end of the 6th Bachelor's semester. Recommendations for the course in the Bachelor's program of the individual introductory events:

1st semester: Studienwerkstatt Modellbau (Manfred Neubig) and Studienwerkstatt Fotografie (Bernd Seeland)

2nd semester: Studienwerkstatt Metall (Andreas Heil) and Studienwerkstatt Holz (Anita Knipper)

3rd semester: Studienwerkstatt Digital (Willy Abraham)

Appointment: see notices on the workshop board  
Examination: Participation is confirmed on workshop driver's license  
Abraham, Willy  
Heil, Andreas  
Knipper, Anita  
Neubig, Manfred  
Seeland, Bernd

1700091

## Basic Course in the Study Workshop Photography

Only for participants of the photo workshop course of the 5th semester WS 18/19

Appointment: Mo 9:45-11:15, 20.40 R-102 Fotowerkstatt  
Language: German  
Seeland, Bernd



**Master's Program Architecture (M. Sc.)**

In the master's program, the academic qualifications acquired in the bachelor's program should be further deepened and supplemented. The students should be able to apply the scientific findings and methods independently and to assess their significance and scope for the solution of complex scientific and social problems. The Master's program in Architecture comprises four semesters. One graduates with a Master of Science (M.Sc.) after passing the final exam. A total of 120 ECTS credits must be demonstrated for this qualification. Basically, the study is divided into modules. Each module can consist of one or more courses completed by one or more exams.

The scope of each module is characterized by credit points credited upon successful completion of the module.

Within the scope of the study, competencies in the following subjects are to be acquired:

- Designing
- Design Specialization
- Building Planning
- History, Art and Theorie
- Building Planning
- Urban and Landscape Planning

The Master's program is in many ways equivalent to a project study. For example, in the subject "Designing" a project has to be worked on every semester. Overall, students have a great deal of freedom in choosing the project topics.

There are also many options for the assignment of courses. In the subject "specialization" modules of different disciplines can be selected and thus a separate profile can be developed according to the individual inclinations.

The subject "Comprehensive Qualifications" completes the offer, here general and practical skills are acquired.

With regard to the future choice of profession, the following main topics can be set within the Master's program Architecture:

- "Urban Design"
- "Integrated Building Technologies"
- "Design Research"
- "Computational Design"

**Further information:**

The current module handbook and the study and examination regulations of the master's program can be found here: <http://www.arch.kit.edu/studium-und-lehre/studiendownloads.php>



Exemplary Curriculum

1. Sem	2. Sem	3. Sem	4. Sem
Design Project Building Construction 1 12 CP	Design Project Urban Planning 1 12 CP	Design Project Building Construction or Urban Planning 2 12 CP	Master's Thesis 30 CP
Advanced Structural Design 4 CP	Advanced Design Project Studies 1 4 CP	Advanced Design Project Studies 2 4 CP	
Construction Technology* 4 CP	History, Art and Theory* 4 CP	Urban- and Landscape Planning* 4 CP	
Architectural Design* 4 CP	Elective Module* 4 CP	Elective Module* 4 CP	
Interdisciplinary Qualifications* 4 CP	Elective Module* 4 CP	Research Fields Research Seminar / Inde- pendent Student Research Project 4 CP	
Impromptu Designs 2 CP	Impromptu Designs 2 CP	Preparation Master Thesis 2 CP	
30 CP	30 CP	30 CP	30 CP

\* Placeholder for various modules

STUDY STRUCTURE MASTER'S PROGRAM SPO2016								
Field title	Module ID	CP Module	Conditions / Prerequisites Module	Module Component ID	Module Component Title	Examination	CP Module Component	rota
Conditions / Prerequisites Field								
Module title								
<b>Designing (40 CP)</b>								
All modules in this field are compulsory modules. Except "Impromptu Designs" only one module per semester.								
Design Project Building Construction 1	M-ARCH-103608	12	Simultaneous assignment of a module from the subject "Design Specialization".	T-ARCH-107445	Design Project Building Construction 1	Examination of another kind	12	every semester
Design Project Urban Planning 1	M-ARCH-103610	12	Simultaneous assignment of a module from the subject "Design Specialization".	T-ARCH-107343	Design Project Urban Planning 1	Examination of another kind	12	every semester
Design Project Building Construction or Urban Planning 2	M-ARCH-103609	12	Successful completion of module "Design Project Building Construction 1" or "Design Project Urban Planning 1". Simultaneous assignment of a module from the subject "Design Specialization".	T-ARCH-107344	Design Project 2	Examination of another kind	12	every semester
Impromptu Designs	M-ARCH-103612	4		T-ARCH-107346	Impromptu Designs	Examination of another kind	4	every semester
<b>Design Specialization (12 CP)</b>								
All modules in this field are compulsory modules. Only one module per semester.								
Advanced Structural Design	M-ARCH-103613	4	Simultaneous assignment (except "Impromptu Designs") of a module from the subject "Designing".	T-ARCH-107347	Advanced Structural Design	Examination of another kind	4	every semester
Advanced Design Project Studies 1	M-ARCH-103614	4	Simultaneous assignment (except "Impromptu Designs") of a module from the subject "Designing".	T-ARCH-107348	Advanced Design Project Studies 1	Examination of another kind	4	every semester
Advanced Design Project Studies 2	M-ARCH-103615	4	Successful completion of module "Advanced Design Project Studies 1". Simultaneous assignment (except "Impromptu Designs") of a module from the subject "Designing".	T-ARCH-107353	Advanced Design Project Studies 2	Examination of another kind	4	every semester
<b>Building Planning (4 CP)</b>								
One of the modules must be selected.								
Spatial Theory	M-ARCH-103629	4	-	T-ARCH-107371	Spatial Theory	Examination of another kind	4	summer semester
Building Studies and Design	M-ARCH-103630	4	-	T-ARCH-107372	Building Studies and Design	Examination of another kind	4	winter semester
Design Theory	M-ARCH-103631	4	-	T-ARCH-107373	Design Theory	Examination of another kind	4	every semester
<b>History, Art and Theorie (4 CP)</b>								
One of the modules must be selected.								
Constructive and Descriptive Geometry	M-ARCH-103622	4	-	T-ARCH-107364	Constructive and Descriptive Geometry	Examination of another kind	4	winter semester
Digital Design and Illustration	M-ARCH-103623	4	-	T-ARCH-107365	Digital Design and Illustration	Examination of another kind	4	winter semester
Fine Arts	M-ARCH-103624	4	-	T-ARCH-107366	Fine Arts	Examination of another kind	4	every semester
Theory of Architecture	M-ARCH-103625	4	-	T-ARCH-107367	Theory of Architecture	Examination of another kind	4	every semester
Communication of Architecture	M-ARCH-103626	4	-	T-ARCH-107368	Communication of Architecture	Examination of another kind	4	every semester
Art History	M-ARCH-103627	4	-	T-ARCH-107369	Art History	Examination of another kind	4	every semester
Building History	M-ARCH-103628	4	-	T-ARCH-107370	Building History	Examination of another kind	4	every semester
<b>Construction Technology (4 CP)</b>								
One of the modules must be selected.								
Building Analysis	M-ARCH-103616	4	-	T-ARCH-107358	Building Analysis	Examination of another kind	4	every semester
Planning and Constructing	M-ARCH-104076	4	-	T-ARCH-108456	Planning and Constructing	Examination of another kind	4	every semester
Sustainability	M-ARCH-104078	4	-	T-ARCH-108458	Sustainability	Examination of another kind	4	every semester
Integral Planning	M-ARCH-103617	4	-	T-ARCH-107359	Integral Planning	Examination of another kind	4	winter semester
Virtual Engineering	M-ARCH-103618	4	-	T-ARCH-107360	Virtual Engineering	Examination of another kind	4	summer semester
Structural Analysis and Planning	M-ARCH-103619	4	-	T-ARCH-107361	Structural Analysis and Planning	Examination of another kind	4	every semester
Building Techniques	M-ARCH-104077	4	-	T-ARCH-108457	Building Techniques	Examination of another kind	4	every semester
Performance Analysis for Buildings	M-ARCH-103620	4	-	T-ARCH-107362	Performance Analysis for Buildings	Examination of another kind	4	summer semester
Planning and Building with Light	M-ARCH-103621	4	-	T-ARCH-107363	Planning and Building with Light	Examination of another kind	4	summer semester
<b>Urban and Landscape Planning (4 CP)</b>								
One of the modules must be selected.								
Urban Typologies	M-ARCH-103632	4	-	T-ARCH-107374	Urban Typologies	Examination of another kind	4	summer semester
Quarter Analysis	M-ARCH-103633	4	-	T-ARCH-107375	Quarter Analysis	Examination of another kind	4	winter semester
International Urban Design	M-ARCH-103634	4	-	T-ARCH-107376	International Urban Design	Examination of another kind	4	summer semester
City Theory	M-ARCH-103635	4	-	T-ARCH-107377	City Theory	Examination of another kind	4	winter semester
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	winter semester
Planning in Rural Areas	M-ARCH-103636	4	-	T-ARCH-107378	Planning in Rural Areas	Examination of another kind	4	summer semester
Landscape Typologies	M-ARCH-103637	4	-	T-ARCH-107379	Landscape Typologies	Examination of another kind	4	summer semester
History of Landscape Architecture	M-ARCH-103638	4	-	T-ARCH-107380	History of Landscape Architecture	Examination of another kind	4	winter semester
<b>Specialization (18 CP)</b>								
The module "Research Fields" is mandatory, from the other modules three can be chosen. These can also come from the subjects of "Building Planning", "History, Art and Theory", "Construction Technology" or "Urban and Landscape Planning".								
Research fields	M-ARCH-103639	6	Preparation Master's thesis is compulsory, between the module components "Research seminar" or "Independent Student Research Project" can be selected.	T-ARCH-107381	Research Seminar	Examination of another kind	4	every semester
				T-ARCH-107382	Independent Student Research Project	Examination of another kind	4	every semester
				T-ARCH-107383	Preparation Master Thesis	Examination of another kind completed	2	every semester
Workshop Impromptu Designs	M-ARCH-104079	4	-	T-ARCH-108459	Workshop Impromptu Designs	Examination of another kind	4	irregular
Design to Build	M-ARCH-104514	4	-	T-ARCH-109244	Design to Build	Examination of another kind	4	irregular

STUDY STRUCTURE MASTER'S PROGRAM SPO2016								
Field title	Module ID	CP Module	Conditions / Prerequisites Module	Module Component ID	Module Component Title	Examination	CP Module Component	rota
Conditions / Prerequisites Field								
Module title								
<b>Specialization (18 CP)</b>								
The module "Research Fields" is mandatory, from the other modules three can be chosen. These can also come from the subjects of "Building Planning", "History, Art and Theory", "Construction Technology" or "Urban and Landscape Planning".								
Special Topics in Spatial Theory	M-ARCH-104074	4	-	T-ARCH-108453	Special Topics in Spatial Theory	Examination of another kind	4	irregular
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	irregular
Special Topics in Design Theory	M-ARCH-103640	4	-	T-ARCH-107384	Special Topics in Design Theory	Examination of another kind	4	irregular
Applied Geometry	M-ARCH-103641	4	-	T-ARCH-107385	Applied Geometry	Examination of another kind	4	summer semester
Special Topics of Drawing	M-ARCH-103642	4	-	T-ARCH-107386	Special Topics of Drawing	Examination of another kind	4	summer semester
Architectural Visualisation	M-ARCH-103643	4	-	T-ARCH-107387	Architectural Visualisation	Examination of another kind	4	every semester
Digital Design and Production	M-ARCH-103644	4	-	T-ARCH-107421	Digital Design and Production	Examination of another kind	4	every semester
Special Topics of Architecture, Furniture and Design 1	M-ARCH-103645	4	-	T-ARCH-107388	Special Topics of Architecture, Furniture and Design 1	Examination of another kind	4	every semester
Special Topics of Architecture, Furniture and Design 2	M-ARCH-103646	4	Successful completion of module "Special Topics of Architecture, Furniture and Design"	T-ARCH-107389	Special Topics of Architecture, Furniture and Design 2	Examination of another kind	4	every semester
Special Topics of Fine Arts 1	M-ARCH-103647	4	-	T-ARCH-107390	Special Topics of Fine Arts 1	Examination of another kind	4	every semester
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	every semester
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	every semester
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	every semester
Special Topics of Communication of Architecture	M-ARCH-103651	4	-	T-ARCH-107394	Special Topics of Communication of Architecture	Examination of another kind	4	every semester
Special Topics of Building Technology	M-ARCH-103652	4	-	T-ARCH-107395	Special Topics of Building Technology	Examination of another kind	4	every semester
Special Topics of Planning and Constructing	M-ARCH-103653	4	-	T-ARCH-107396	Special Topics of Planning and Constructing	Examination of another kind	4	summer semester
Special Topics of Sustainability	M-ARCH-103687	4	-	T-ARCH-107435	Special Topics of Sustainability	Examination of another kind	4	every semester
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	every semester
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	every semester
Detailed Topics of Building Lifecycle Management	M-ARCH-103656	4	-	T-ARCH-107399	Detailed Topics of Building Lifecycle Management	Examination of another kind	4	irregular
Advanced Engineering	M-ARCH-103657	4	-	T-ARCH-107400	Advanced Engineering	Examination of another kind	4	summer semester
Special Topics of Structural Design	M-ARCH-103658	4	-	T-ARCH-107401	Special Topics of Structural Design	Examination of another kind	4	summer semester
Professional Detailed Planning	M-ARCH-103659	4	-	T-ARCH-107402	Professional Detailed Planning	Schriftliche Prüfung	4	summer semester
Special Topics of Building Techniques	M-ARCH-103661	4	-	T-ARCH-107404	Special Topics of Building Techniques	Examination of another kind	4	every semester
Indoor Lighting Technology and Concepts	M-ARCH-103662	4	-	T-ARCH-107405	Indoor Lighting Technology and Concepts	Examination of another kind	4	summer semester
Energy and Indoor Climate Concepts	M-ARCH-103663	4	-	T-ARCH-107406	Energy and Indoor Climate Concepts	Examination of another kind	4	summer semester
Fire Protection in Planning and Realisation	M-ARCH-103664	4	-	T-ARCH-107407	Fire Protection in Planning and Realisation	Examination of another kind	4	summer semester
Sound Insulation and Acoustics	M-ARCH-103665	4	-	T-ARCH-107408	Sound Insulation and Acoustics	Examination of another kind	4	winter semester
Environmental Performance Assessment 1	M-WIW-103975	4	-	T-WIW-102742	Environmental Performance Assessment I	Written examination	4	winter semester
Environmental Performance Assessment 2	M-WIW-103976	4	-	T-WIW-102743	Environmental Performance Assessment II	Written examination	4	summer semester
Real Estate Management 1	M-WIW-103978	4	-	T-WIW-102744	Real Estate Management I	Written examination	4	winter semester
Real Estate Management 2	M-WIW-103979	4	-	T-WIW-102745	Real Estate Management II	Written examination	4	summer semester
Special Topics of Urban Design	M-ARCH-103668	4	-	T-ARCH-107409	Special Topics of Urban Design	Examination of another kind	4	every semester
Special Topics of Urban Design - workshop	M-ARCH-103974	4	-	T-ARCH-108190	Special Topics of Urban Design - workshop	Examination of another kind	4	unregelm.
Urban Energy	M-ARCH-103669	4	-	T-ARCH-107410	Urban Energy	Examination of another kind	4	winter semester
Special Topics of construction planning law	M-ARCH-103688	4	-	T-ARCH-107436	Special Topics of construction planning law	Examination of another kind	4	summer semester
Public Building Law	M-ARCH-103671	4	-	T-ARCH-107412	Public Building Law	Examination of another kind	4	summer semester
Special Topics of Art History 1	M-ARCH-103672	4	-	T-ARCH-107413	Special Topics of Art History 1	Examination of another kind	4	every semester
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	every semester
Special Topics of Building History 1	M-ARCH-103674	4	-	T-ARCH-107415	Special Topics of Building History 1	Examination of another kind	4	every semester
Special Topics of Building History 2	M-ARCH-103675	4	Successful completion of module "Special Topics of Building History 1"	T-ARCH-107416	Special Topics of Building History 2	Examination of another kind	4	every semester
Historical Building Research	M-ARCH-103676	4	-	T-ARCH-107417	Historical Building Research	Examination of another kind	4	every semester
Photogrammetry of Architecture	M-BGU-104001	4	-	T-BGU-108204	Photogrammetry of Architecture	Examination of another kind	4	every semester
<b>Interdisciplinary Qualifications (4 CP)</b>								
Key Qualifications	M-ARCH-103678	4	-	T-ARCH-107425	Key Qualifications 1	completed coursework	2	every semester
				T-ARCH-107424	Key Qualifications 3	completed coursework	4	every semester
				T-ARCH-107422	Basic Course Photo Study Workshop	completed coursework	4	every semester
				T-ARCH-107423	Basic Course Model Study Workshop	completed coursework	2	every semester
				T-ARCH-107441	Professional Internship (Office Internship)	completed coursework	4	every semester
				T-ARCH-109989	Office Hospitation	completed coursework	2	every semester
				T-ARCH-109978	Visit lecture series Master	completed coursework	1	every semester
				T-ARCH-107420	Wildcard	completed coursework	4	every semester
<b>Master's Thesis (30 CP)</b>								
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	

Timetable  
Master (Summer 2019)

	Monday	Tuesday	Wednesday	Thursday	Friday
08:00	Elective Courses	Compulsory elective Courses Construction Technology / Urban and Landscape Planning	Compulsory elective courses Building Planning / History, Art and Theory	Design Projects Building Construction and Urban Planning	Elective Courses
09:30					
09:45	Elective Courses	Compulsory elective courses Building Planning / History, Art and Theory	Compulsory elective courses Building Planning / History, Art and Theory		Elective Courses
11:15					
11:30	Elective Courses	Compulsory elective Courses Construction Technology / Urban and Landscape Planning	Compulsory elective Courses Construction Technology / Urban and Landscape Planning		Elective Courses
13:00					
Lunch Break					
14:00	Elective Courses	Elective Courses		Design Projects Building Construction and Urban Planning	Elective Courses
15:30					
15:45	Elective Courses	Elective Courses			Elective Courses
17:15					
			18:00–19:30 Karlsruher Architekturvorträge HS EE	18:00–19:30 Lecture Series Art History HS 9	

HS EE    Egon-Eiermann-Hörsaal (1. OG)  
HS FH    Fritz-Haller-Hörsaal (EG)  
NH       Neuer Hörsaal (EG)  
HS 9     Hörsaal 9 (1. OG)

## Architecture Master Designing

1700082

### Master's Thesis

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 and establish contact with a suitable first supervisor. At the center of the Master's thesis is the architectural design, which is complemented by a scientific elaboration. The design part must make up at least half of the total work, but may also include a higher share in consultation with the primary supervisor. Work without an architectural design part is not permitted. As the first supervisors of the work therefore only the leaders of the design subject areas at the Faculty of Architecture come into question.

Registration: 04.-19.03.19 on faculty homepage  
Submission of test slips: 26.03.19, 09:00 – 12:00  
Processing period: 01.04.-30.09.

Language: German

Bava, Henri  
Engel, Barbara  
Frohn, Marc  
Hebel, Dirk  
Morger, Meinrad  
Neppl, Markus  
Vallebuona, Renzo  
von Both, Petra  
Wappner, Ludwig

## Design Project Building Construction

1710122

### Architectural Method Act (Frohn)

The master studio deals with the question of the FORMAL in the design process. Is designing in a formal way necessarily a bad thing? We try to get to the bottom of this question through profound research into the work of certain key figures of the postmodern movement, who on the one hand had to face the criticism of working too formally - while on the other hand there has been a new interest in these architects over the last few

years. Each student is assigned to an architect of this period. A deep look into the work of this architect enables them to decode their formal principles and to use this vocabulary for their own design process. „Architectural Method Act“ means immersing ourselves in the minds of these architects and at the same developing our own critical position towards them. The task is to design a reception, information and seminar building for KIT's Campus Nord, a high tech university campus in the north of Karlsruhe.

Appointment: Thursdays 10:00 - 12:00, 20.40. R211

Seminarraum Raum und Entwerfen

First Meeting: 24.04.19 10:00 Uhr, 20.40 R211

Seminarraum Raum und Entwerfen

Excursion: date to be announced

1. Pin-Up: 29.05.19

2. Pin-Up: 26.06.19

Submission/Exam: 31.07.19

Language: German/English

Frohn, Marc

Hoffmann, Matthias

1710204

### Hybrid Typologies V - Living in Amsterdam (Morger)

With the design theme, „Living in Amsterdam“ we continue our series „Hybrid types“ and dedicate this semester to experimental forms of housing. Cultural, economical and ecological changes lead to a constant need for new forms of urban living. But what, exactly, are the demands posed by these changes? In the form of an architectural design we will examine possibilities for new and hybrid models for urban housing. Amsterdam plays an exemplary role in the history of European housing and the ever-evolving city is currently experiencing a consequential transformation, making it an inspirational subject for our design studio.

First meeting: 18.04.2019, 02:00 p.m., 20.40 R 113

Appointment: Th. 09:00 a.m. - 05:00 p.m., 20.40 R 113

Excursion: Amsterdam, 02.05.-04.05.19

Pin-Ups: Th. 16.05., 13.6., 4.7.2019

Submission/Exam: 31.07.2019 Grüne Grotte with guestcritic

Recommendation: at least 1 successful completion of a master design project

Language: German/English

Morger, Meinrad

Kunkel, Steffen

Schilling, Alexander

Zaparta, Eleni

1710253

**Art Space Darmstadt - Center of Art + Culture / Mathildenhöhe Darmstadt(Dill)**

Experimental architecture and architectural technology / studies + project / with EXCURSION + WORKSHOP in cooperation with the Faculty of Architecture Darmstadt. The east side of the world-famous „Mathildenhöhe Darmstadt“ one of the three most important Art Nouveau Centers in Europe, currently on the list of icomos for World Heritage, is the chance to propose a far-reaching architectural perspective for the future. To do this research, concepts and strategies are developed and discussed in several design steps, beginning with a site visit and a compulsory excursion to contemporary architecture in Darmstadt. This workshop is also interdisciplinary, so that current trends from art, landscape architecture, urban research and technology can and should be incorporated.

Appointment: on Thursdays and by arrangement,  
20.40. R108

First Meeting: Thursday 25 April 2019, 10:00,  
20.40. R108

Excursion to Darmstadt on 30 April 2019

Final Presentation: 1 August 2019, 10:00

Language: German/English  
Dill, Alex

1710252

**Living Space Darmstadt - Center of Multifunctions / Marienplatz Darmstadt (Dill)**

Experimental architecture and architectural technology / studies + project / with EXCURSION + WORKSHOP. As an important „Architectural Statement“ of urban development in downtown Darmstadt a neighbourhood is to be designed in the immediate vicinity of the State Theatre Darmstadt which after the war was the largest and most modern theatre in Germany as a three-party house, planned from 1963 by Rolf Prange, won by competition and built with the total cost of construction of 50 million DM. This architectural project gives the opportunity to develop the multiple opportunities of architecture and technology in the art and science city of Darmstadt with a functionally mixed program forward-looking. At the same time, an architectural competition is being advertised, the results of which will then make an interesting comparison possible.

Appointment: on Thursday and by arrangement,  
20.40. R108

First Meeting: Thursday 25 April 2019, 10:00,  
20.40. R108

Excursion to Darmstadt on 30 April 2019

Final Presentation: Thursday 1 August 2019, 10:00

Number of Participants: 10

Language: German

Dill, Alex

1710303

**Back to the Future ? Skopje - Parking and More...“ (Hartmann)**

The history of Skopje is long and exciting. Many different stakeholders transformed the city towards their own ideals and unlike most other European cities, this energy of transformation is still very dominant. Two major transformations within the last fifty years are exemplary manifestations that show to what extent architecture is able to transform the living conditions within a city. The earthquake of 1963 destroyed most of the city center of Skopje. The renewal was de facto an operation to build a city from scratch based on a masterplan by Kenzo Tange. Worldwide solidarity and a cosmopolitan understanding of architecture lead to a unique collection of experimental buildings. From 2008 until 2018 the buildings of the city center were covered by a wildly invented baroque style in order to represent a very much contested Makedonian national identity. This latest change of the aspect of the city was so complete and reaches so deep that it is no rational choice anymore to reconstitute the previous look of the city. The students will develop individual projects for a hybrid parking building in the perimeter of what was called „the city wall“ in the masterplan of Kenzo Tange. The analysis of the specific site for each project and its non-parking component will be part of the design task.

Appointment: Thu 09:45 am - 01:00 pm and 02:00 pm - 05:15 pm, Bldg. 20.40 R221, FG BPL

First Meeting: 25.04.2019, 10:00 am,

Bldg. 20.40 R221 FG BPL

Pin-Up: 23.05.2019

Excursion: Skopje 30.04.-04.05.2019

Submission: 30.07.2019 till 04:00 pm

Exam: 31.07./01.08.2019

Recommendation: Participation in the course :

Back to the Future?

Advanced Architectural Design Studies (Hartmann): „Skopje - Parking and More...“ is obligatory.

Language: German/English

Hartmann, Simon

Sekinger, Richard

Santana, Mariana

1720502

**Independent Design Project (Wappner)**

Appointment: by appointment

First Meeting: by appointment

Pin-Up: by appointment

Submission/Exam: by appointment  
 Recommendation: at least 2 successful completions  
 of a master design-project  
 Language: German/English  
 Wappner, Ludwig  
 Hoffmann, Peter  
 Fischer, Ulrike  
 Schneemann, Falk

1720555

### **Space to learn - student's center university of Freiburg (Haug)**

The manner of working and learn changed totally in the new digital world of the university. Studying on one's own is nowadays a central element. Although the students don't want to be alone. They prefer places to learn in a social interactive surrounding and access to the world wide web. This new kind of working places are used and open around the clock with space to learn single or in small groups. Two lecture halls complete the program. Further there is a infrastructure of social-, restrooms and a small café. In the center of the district, in a green area along of a main footpath to the center of the city is the place for our intervention. The distance to the existing houses has to be dimensioned along the building regulations.

Appointment: Thu, 09:00 am - 17:00 pm, 20.40 R241  
 First Meeting: Thursday, 25 April 2019, 11:00 am, 20.40 R240  
 Pin-Up: 27.06.2019  
 Submission/Exam: 01.08.2019  
 Recommendation: at least 2 successful completions  
 of a master design-project  
 Language: German/English  
 Haug, Thomas

1720601

### **Kindergarten Cambodia (Hebel)**

Approximately one third of the Cambodian population is affected by extreme poverty; 90 percent of them live in rural areas. That is where we will be working. 60 kilometers north of Phnom Penh lies the village of Mea Nork, 10 kilometers west of Odongk Airport in Cambodia. The NGO „Smiling Gecko“ has been operating there for several years. Its aim is to support people - most of them migrating from the slums of Phnom Penh - who want to come back to a self-determined life and a free and independent future. To this end, a community based on an agricultural economical system was started in 2014. The people help each other and use the collective as a reservoir for communication and exchange. Since 2014, our professorship has

supported „Smiling Gecko“ in the construction of a school for 1,200 students for this community. The aim is to give the children growing up there the chance of an adequate and well-founded school education. Now „Smiling Gecko“ has once again asked our professorship for help. The aim is to design, plan and build a kindergarten in the area. In order to get to know the socio-cultural, ecological, economic and especially climatic conditions better, we undertake an excursion to Cambodia and to the building site near Phnom Penh at the beginning of the semester. The semester is conducted in cooperation with the professorships of structural design and building physics.

Appointment: Mi 9.00 - 18.00 and Do 9:00-13:00,  
 Bldg. 11.40 R026 FG STQP  
 First Meeting: Mo 18.02.2019 at 12.00, Bldg. 20.40  
 Grüne Grotte  
 Excursion: Cambodia 4.05.19-12.05.19  
 Pin-Ups: 23.05.19, 13.06.19, 4.7.19  
 Submission: 29.07.2019, Präsentation: 30.07.2019,  
 Bldg. 20.40 Fakultätszimmer  
 Language: German/English  
 Hebel, Dirk  
 Rausch, Manuel  
 Lenz, Daniel Nicolas

1720652

### **Belfast. 100 Walls (Vallebuona)**

From the 18th century onwards Northern Ireland has been a region physically and culturally shaped to a large extent by political and religious differences. Everyday life takes place among different types of defensive architecture. Although progress has been made through paramilitary ceasefire and political agreements, the creation of barriers and buffer zones to limit contact between protestant and catholic communities has led to the fact that even today, many communities are tightly defined and defended. Simultaneously the city center of Belfast as “neutral ground” lost a lot of its residential desirability during the troubles. Its population declined, significantly increasing the number of people commuting into the city by car. Because of the impacts of traffic infrastructure, low density housing developments, missing and failed investments and the proliferation of car parks the built environment of the inner city has continued degrading. Through the work of open-minded younger generations and various Shared Spaces & Interface Projects things are beginning to change. Our main goal is to facilitate this ongoing momentum and develop innovative proposals for the city center which might help to create relationships in cross community groups. Part of the course is going to take place on the

spot, in Belfast, as a compact workshop trip which should help to understand the real identity of the city. Meetings and “walks” through the city are meant to be our inspirational field work. For participants the Seminar „Belfast. 100 Views“ (Vallebuona) is mandatory. In Cooperation with „Belfast. 100 Voids“ (ISTB Engel) Appointment: Thu, 09:00 am - 4:00 pm, 20.40 R240

First Meeting: Thursday, 25 April 2019, 10:00 am, Grüne Grotte, 20.40  
Pin-Up: 23.05.2019, 04.07.2019  
Excursion: 08.05.2019 - 12.05.2019  
Submission/Exam: 30.07.2019  
Recommendation: at least 2 successful completions of a master design-project  
Language: German/English  
Vallebuona, Renzo  
Schmidt, Sophia  
Michalski, Manuel Amadeus

1720701

### **Townhall - a new Center for Mühlacker (von Both)**

The goal of the single term educational concept consists of developing user scenarios for a replacement structure - of the demolished Cultural and Trade Center „Mühlehofzentrum“ - and to transfer these into an overall plan. The Teaching Project focused on Project development disembogues in an architectural concept study. Therefore, besides architectural design issues, a user centered demand analysis, Potential analysis of the property and the development of suitable user and business concepts have to be acquired. The involvement of real players is seen as a vital part of the didactic concept and provides students a high degree of practical relevance during the phases of strategic design. The students receive an introduction dealing with stakeholder analysis and development of target group related business models (Application-/Service concepts). The ways of looking at a problem from design view are considered and integral concepts are evolved (constructional, spatial, cultural, ...). Based on a detailed potential analysis the students acquire a location specific, target group related concept for possible utilizations featuring realization scenarios. The concrete architectural design elaboration, based on analysis and concept, will be applied for selected areas of the property. The architectural design will be supported by players of the municipal and rural context to secure closeness to reality and a high level of information quality.

First Meeting: 25.04.2019, 09:00,  
Bldg. 20.40, Room 118  
Excursion: 13.06.19

Pin-Up 1: 23.05.2019  
Pin-Up 2: 27.06.2019  
Submission/Exam: 01.08.19, 09:00h  
Language: German  
von Both, Petra  
Krüger, Tracy  
Graf, Katharina Lisa

## **Design Project Urban Planning**

1731086

### **Bricks & Tomatoes – Karlsruhe between garden gnomes and skyscrapers (Neppl)**

Stones or tomatoes? We have to condense our cities in a high quality in order to find answers for the future demands of society. When creating affordable living space, it is no longer sufficient to take up the solutions of the 70s again. We are now challenged to develop alternatives and strategies in dealing with the new urbanization of cities. However, this zeitgeist of urbanity and density is countered by a strong trend towards individualised and collective forms of living. There is a strong longing for authenticity, specificity, ecology and individual heimat. So, which Karlsruhe of the future should it be? The alternative Südstadt hipster cabin with self-planted tomatoes or the chic Citypark penthouse on the 16th floor? We would like to it have both and we would like to start an experiment with you on how this might look like. Stones and tomatoes!

Appointment: on Thursdays, 14:00 - 17:00, 11.40, EG, R026  
First Meeting: 25.04.2019, 14:00  
Pin-Up: 23.05.2019, 04.07.2019  
Excursion: 02.-03.2019  
Submission/Exam: 01.08.2019  
Work in groups: groups of 2  
Recommendation: at least 1 successful completion of a master design-project  
Language: German  
Neppl, Markus  
Joa, Simon  
Stippich, Matthias

1731160

### **Belfast. 100 voids (Engel)**

Since the 18th century, the Belfast region has been marked by political and religious upheavals. As a result of these conflicts, parts of everyday life takes place between security barriers, so-called peace walls. Although progress has been made



through ceasefires and political agreements, the creation of barriers and buffer zones has led to the demarcation of many neighborhoods. At the same time, the city center, a „neutral ground“, has lost much of its attractiveness. The population decreased significantly and the number of daily commuters to the center increased. The negative impact on transport infrastructure, new low-density residential developments, lack of investment and poor investments into large-scale projects as well as the creation of large parking areas has also led to deterioration in the surrounding neighborhoods. In recent years, however, various shared spaces & interface projects started by younger generations have led to positive changes. The design project should tie in with this dynamic and develop proposals for the inner city. The aim is to create connections beyond the boundaries of the different communities. The multitude of existing empty spaces and brown-fields in the inner city should be seen as an opportunity for the project. Through new spatial qualities and uses in public spaces, the inner city is to become a place for renewed common identification. The course is taught in cooperation with „Belfast. 100 Walls“ (Vallebuona)

Class: Thu 09:30-13:00, Bldg 11.40. R 013  
 1st Meeting: Thu 25.04.19, 10:00, Bldg 11.40. R 013  
 Workshop 1: 02./03.05.19, Bldg 11.40, Tullahalle  
 Workshop 2: 06./07.06.19, Bldg 20.40, Grüne Grotte  
 Pin-Up 1+2: 23.05.19, 04.07.19  
 Excursion: 08.-12.05.2019  
 Submission/Exam: 29.07.19/30.07.19  
 Recommendation: at least 1 successful completion of a urban design-project  
 Language: German/English  
 Engel, Barbara  
 Reichwein, Sara

1731210

### **Taking a Swim at Pop Up Piscine Strasbourg (Bava)**

A New River Current Bath for Strasbourg Deux Rives Swimming in a river in the middle of the town? What was once possible in the past now experiences a revival: architecturally well thought-out and ecologically correct, the river current bath is celebrating its comeback. Back to the water. Back into the water. This human longing is discussed today in open space and urban planning in many metropolises and is even being realized in some cities. An increasingly better water quality and extremely hot summers arouse desire among city dwellers. They do not just want to watch the water, but plunge in and have fun. Before industrialization, river current, beach and harbor baths

were a normal sight in many cities. Today, as the waters in western metropolises are becoming cleaner again, urban baths and their potential for urban development are a topical issue. In Copenhagen, there are several harbor baths, in New York, activists get involved for a pool in the East River, and in Cologne, the Deutzer Hafen harbor will be transformed into a lively residential quarter with a new harbor bath forming a landmark in the center of the city. World architecture for a worldwide need - outstanding architects are often involved in the planning of the new types of river current baths reflecting the whole complexity of our dealings with society and nature. The city of Strasbourg is also considering placing a river current bath in its newest city quarter Deux Rives (two river banks) as a direct vis-à-vis to the city of Kehl. The bath would be easily accessible from both cities. The design task now is to find the exact place for and best form of a bath promising maximum swimming fun. Appointment: Do, 10 a.m., 11.40, Room 115

First Meeting: 25.04.2019 at 10 a.m.  
 Pin-up: 23.05.2019 at 10 a.m. / 04.07.2019 at 10 a.m.  
 Excursion: Strasbourg (1day) 25.04.2019 at 10 a.m.  
 Submission/Exam: 01.08.2018, 10 a.m.  
 Language: German  
 Bava, Henri  
 Knebel, Stefanie  
 Gerberger, Susanne

## **Impromptu Designs**

1710254

### **Impromptu (Dill): Mini-Maxi-Art-Gallery**

On a self-chosen building plot, the interesting or special location can be both in the city and in the countryside, is to design an architectural model how contemporary art and culture can be developed and presented in an unbureaucratic, possibly autonomous way. This design workshop will be accompanied by an introduction to interesting examples, a discussion of organizational forms and ideas and an excursion to art, design and architectural presentation.

First Meeting: Tuesday, 7 May 2019, 12:00, 20.40, R108  
 Submission/Exam: Tuesday, 4 June 2019  
 Language: German  
 Dill, Alex

1720713

**Spring-Non-Sens-Machine (von Both)**

You design and build a nonsense machine (Rube Goldberg machine) with the following specifications: 1. Your machine must be able to be coupled with the machines of your fellow students to a large machine 2. You cooperate with your fellow students in the conception of your machine and clarify impulse transmission, dimension and sequence of the system 3. the sum of all sub-machines must be located in the foyer, 1st floor 4. Your part machine will pass on its energy to the next machine at a point determined by you and your fellow students

1st meeting 06.05.19, 13:00, BLM

Submission and presentation: 24.05.19, 13:00

Language: German/English

von Both, Petra

Koch, Volker

1720714

**PopUp Furniture (von Both)**

The task is to develop a piece of furniture, which is implemented by means of pop-up folding technology. The Japanese paper cutting art „kirigami“, which is reminiscent of the widespread folding technique „Origami“, is to be used. Unlike „origami“, „Kirigami“ allows cutting and folding. This creates objects from a piece of paper, which are provided with special cuts and folded according to the cuts.

First Meeting: 29.04.2019, 11:30 h, Bldg. 20.40, R 118

Hand over: 29.05.2019 until 12:00 h

Presentation: 05.06.2019, 9:00 h

Language: German

von Both, Petra

Graf, Katharina Lisa

1720715

**virtual-Coworking-reality**

Precondition: Successful participation at seminar „life-COWORKING-balance“. Goal: Dataexport of VR-enabled 3D model from seminar „life-COWORKING-balance“ for visual analysis. Method: Existing 3D model will be exported, textures and lightsources included, an handed over to Fraunhofer Zentrum für Virtuelles Engineering (ZVE) Stuttgart. Excursion to ZVE. Analysis: Design consisting of geometry, colour, texture and 1:1-spatial impression are analysed.

Number of Participants: 10

Language: German

von Both, Petra

Krüger, Tracy

1720760

**Impromptu Designs (Pfeifer)**

Compact impromptu design project (workshop): imparting of a holistic approach to consider material, construction, form and function during the design process

Appointment: workshop from 05. – 09-08.19, Bldg.

20.40, room 130 (FGT)

Final presentation: 09.08.19

First Meeting: 05.08.2019

Submission/Exam: 09.08.2019

Participation: individual or in working groups of 2 students

Language: German

Pfeifer, Matthias

Sedighi, Mandana

1720918

**Massive and Light (Wagner R.)**

Workshop and Stegreif for designing and building with fabrics. Workshop in Berlin

First Meeting for briefing: 23.04.2019, 4.00 p.m. |

Bldg. 20.40, Room 130

Excursion: 20.-22.05.2019 at the 24th Textile-Roof-Workshop 2019 in Berlin

Submission/Exam: in Week 24 in agreement with the participants

Number of Participants: 14

Language: German/English

Wagner, Rosemarie

Sum, Bernd

Sander, Stefan

1720981

**Impromptu Design: free topic (Wagner)**

Development of a sound idea for a task related to building technology and convincing presentation. Agreement about the topic at the institute.

Language: German

Wagner, Andreas

Mende, Sandra

Moosmann, Cornelia

1731166

**Impromptus Urban Design Project (Engel): City Conceiving**

Creating concise ideas and clear concepts are fundamental to successful design work in architecture and urban planning. As part of the impromptu, the conceptual design work is to be trained. For more details please see poster.

First Meeting: Tue 04.06.19, 14:00,

Bldg. 11.40, R013

Submission: Mo 17.06.19, 16:00,

Bldg. 11.40, R109 (OG)

Exam: Tue 18.06.19, 14:00, Bldg. 11.40, R013  
 Number of Participants: 15  
 Language: German/English  
 Engel, Barbara  
 Reichwein, Sara  
 Rogge, Nikolas  
 Reuß Brezovska, Marketa  
 Baek, Han Yeol

1731256

### **Impromptus Urban Design Project (Krass): Activating Kronau - Architectural Impulse at the Centre**

Kronau – a municipality that strives to be not only commercial centres combined with everyday residential areas. Very valuable plots in the centre of town are available. However good ideas are missing. The municipality needs a spatial strategy and architectural concepts how to deal with this huge potential. What kind of architectural impulses are needed? Together with the municipality and its mayor we will explore the local context one day long. After one week of individual work there will be a final presentation and discussion together with officials of the municipality. The designs will serve as basis for discussion for the participatory process of the town later on. German language skills are necessary and essential for participation.

First Meeting: Wed. 26.06.19, 13:00-13:30, Build. 11.40, G008  
 Excursion: Mo. 01.07.19, 10:00 – 19:00 – Kronau (KVV-Area)  
 Submission/Exam: Mo. 08.07.19, 14:00-17:00 Uhr, 20.40, Build. 20.40, Raum Grüne Grotte  
 Number of Participants: max. 20  
 Language: German  
 Krass, Philipp  
 Kaltenbach, Markus

## Further Impromptu Designs

Further Impromptu Designs will be required by the “Fach- und Lehrgebiete” during the semester or as Impromptu Designs through the lecture free time. For topics and dates, see notices.

## Design Specialization

1710121

### **Advanced Building Studies Design (Frohn): Formal De-Coding**

The seminar consists of a profound research into the work of certain figures of the postmodern movement. Through certain projects, drawings, texts and interviews we try to immerse ourselves into the minds and thinking processes of these architects and try to de-code their specific formal vocabulary. A look into the biographies, theories and positions of these architects contextualizes this research. The aim of the seminar is to de-code the specific vocabulary through analytic graphics.

First Meeting: 25.04.19

Appointments: weekly Wednesday or Thursday, by arrangement

Submission/Exam: 29.05.2018

Language: German/English

Frohn, Marc

Hoffmann, Matthias

1710208

### **Advanced Architectural Design Studies (Morger)**

Attending the course is only possible for participants of the design project „Hybride Typen V“. Acknowledgement is also possible in modul: Sondergebiete der Gebäudelehre.

Language: German

Morger, Meinrad

Kunkel, Steffen

Schilling, Alexander

Zaparta, Eleni

1710306

### **Advanced Architectural Design Studies (Hartmann): Back to Future ? Skopje - Parking and More...**

Students will elaborate a short scientific paper dealing with the state of technology, the regulatory law and the historical evolution of several kinds of mobility and transportation. Each paper will focus on a specific kind and contact hours will be spread over the whole semester. Attending the course is only possible for participants of the design project „Skopje: Back to Future“.

Appointment: 5 meetings over the semester

First Meeting: 25.04.2019 at 10:00 am,

Bldg. 20.40 R221 FG BPL

Language: German/English

Hartmann, Simon  
Branasac, Angela

1710408

### **Advanced Theoretical Design Studies (Vrachliotis)**

By arrangement.  
Language: German/English  
Vrachliotis, Georg

1720514

### **Advanced Architectural Design Studies (Wappner)**

By arrangement.  
Language: German/English  
Wappner, Ludwig  
Hoffmann, Peter  
Fischer, Ulrike  
Schneemann, Falk

1720556

### **Advanced Construction Technology Design Studies (Haug)**

Attending the course is only possible for participants of the design project „Space to learn - student's center university of Freiburg (Haug)“  
Language: German/English  
Haug, Thomas

1720602

### **Advanced Construction Technology Design Studies (Hebel)**

This event can only be chosen in connection with the associated design studio „Kindergarten Kam-bodia“.  
Language: German/English  
Hebel, Dirk  
Rausch, Manuel  
Lenz, Daniel Nicolas

1720603

### **Advanced Digital Design Studies (Hebel)**

Moods, techniques, composition - strategies for convincing architectural visualization.

Meetings: Support by arrangement,  
R025/026, Bldg. 11.40  
Workshops:  
Modelling - Rhino3D/Grasshopper: 16.05.2019,  
14.00-17.00h  
ArchViz/ Matte Painting - PS: 29.05.2019, 14.00-17.00h  
Language: German  
Rausch, Manuel  
Hebel, Dirk

1720653

### **Advanced Construction Technology Design Studies (Vallebuona): Approaches beyond walls and voids**

This event can only be chosen in connection with the associated design studio  
Language: German/English  
Vallebuona, Renzo  
Michalski, Manuel  
Schmidt, Sophia

1720711

### **Advanced Construction Technology Design Studies (von Both): Planning methodology**

This specification of the BLM design project Townhall Mühlacker focuses on the phase of project development and includes the analysis of possible conversion scenarios for an urban area in Mühlacker. For the proposed conversion scenarios a potential analysis with regard to relevant stakeholders, target groups and users has to be developed and the practical suitability of the proposed idea has to be proven by means of a simplified business model. For this purpose, the students receive appropriate technical and methodical support.

Appointment: on Thursdays  
First Meeting: 25.04.2019, 9:00 h, Bldg. 2040,  
Room 118  
Language: German  
von Both, Petra

1720759

### **Advanced Structural Design Studies (Pfeifer)**

Registration formalities will be communicated at the first meeting.  
First meeting: 08.05.2019, 13.15 - 14.00, Bldg. 20.40, room 130 FGT, required cours!  
Submission/Exam: to be announced.  
Language: German/English  
Pfeifer, Matthias  
Lauterkorn, Daniel  
Özcan, Tugay

1720916

### **Advanced Construction Technology Design Studies (Wagner R.)**

The structural design deepening is tied to a structural design and refers to the analysis of the design in terms of buildability, such as defining hierarchies, which determine the construction process (shell construction, finishing), the sequence of trades up to detailed solutions on a large scale. It is also possible to build models on a large scale as

part of the deepening process.

Appointments by arrangement, please contact us if you are interested.

Language: German/English

Sander, Stefan

Wagner, Rosemarie

Sum, Bernd

1720982

## Advances Design Project Studies (Wagner A.)

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).

First Meeting: Wed, 08.05.2019, 20.40, R 235

Language: German

Wagner, Andreas

Mende, Sandra

Moosmann, Cornelia

1700078

## Advanced Construction Technology Design Studies (Lützkendorf)

By arrangement.

Language: German

Lützkendorf, Thomas

1731061

## Advanced Urban Design Project Studies (Neppi): Bricks & Tomatoes

The topical immersion takes place alongside the design-project. A structured working-process with regard to the end product is intended to support the design process. The first goal is to give each information the right representation format. Later it is about how the resulting representations are brought together in a layout. The aim is to develop clearly understandable and informative presentations at a competitive level.

Appointment: Thursdays, 14:00, 11.40, R015 (the dates will be announced during the seminar)

Participation obligatory. Only for design-project participants.

Language: German

Neppi, Markus

1731162

## Advanced Urban Design Project Studies (Engel): Belfast. Approaches beyond walls and voids

During the two-day workshops, students from the Engel and Vallebuona studios will work in mixed teams. While the first workshop will focus on the perception of cities and urban spaces; In several exercises different methods for reading and understanding our built and social environment will be practiced. During the second workshop the communication and interpretation of different conceptual approaches will be trained and the conceptual approaches developed up to the workshop will be discussed and compared.

In Cooperation with „Belfast. 100 Walls“ (Vallebuona)

1st Meeting: Thu 25.04.19, 14:00, Bldg 11.40. R 013

Workshop 1: 02./03.05.19, Bldg 11.40, Tullahalle

Workshop 2: 06./07.06.19, Bldg 20.40, Grüne Grotte

Number of Participants: 12 (+3 Erasmus)

Language: German/English

Engel, Barbara

Reichwein, Sara

Rogge, Nikolas

1731211

## Advanced Urban Design Project Studies (Bava)

Appointment: Do, 10 a.m., 11.40, Room 115

First Meeting: 25.04.2019 at 10 a.m.

Language: German

Bava, Henri

Knebel, Stefanie

## Building Planning

1710124

## Spatial Theory: Formal De-coding

The seminar consists of a profound research into the work of certain figures of the postmodern movement. Through certain projects, drawings, texts and interviews we try to immerse ourselves into the minds and thinking processes of these architects and try to de-code their specific formal vocabulary. A look into the biographies, theories and positions of these architects contextualizes this research. The aim of the seminar is to de-code the specific vocabulary through analytic graphics.

First meeting: 25.04.19

Appointment: weekly on Wednesday or Thursday, by arrangement

Submission/Exam: 29.05.2018

Number of Participants: 25

Language: German

Frohn, Marc

Wetzel, Gerd  
Hoffmann, Matthias  
Panzer, Tim

Number of participants: 12  
Language: German  
Pawelzyk, Susanne

1710305

**Design Theory: Monsterpieces Skopje**

The Master Seminar Monsterpieces is a playful architectural Speculation about Re- Use of some iconic buildings within the city of Skopje. Some of them are still in use and others are not. The buildings will be analyzed, modelled and portrayed in different ways and techniques. Eventually, the students will determine a new use for their building and make the case for that proposal by the means of a collage of intentions that allows to discuss the impact on space and structure of the existing. The hand-in of the seminar will be early in the semester and a considerable part of the work by the students will have to be performed around and during the seminar week.

Appointment: Wed 02:00 pm - 06:00 pm, 5meeting over the semester, Bldg.20.40 R221 FG BPL

First Meeting: 25.04.2019; 11:00 am, Bldg.20.40 R221 FG BPL

Excursion: Skopje 30.04.-04.05.2019

Submission/Exam: 14.08.2019

Number of Participants: 25

Language: German/English

Hartmann, Simon

Santana, Mariana

1710368

**Fine Arts: Postdigital Painting: layers of colour, space and selves**

The seminar „postdigital painting“ deals practically and theoretically with the subject of painting in the context of a digitalized culture of the present. In the practical part different painting techniques and materials will be presented and tested. The theory is divided into two areas: on the one hand, aspects of picture theory are considered, on the other hand, the theory of painting techniques is introduced. Short excursions are also planned as part of the seminar: a guided tour of the Kunsthalle Karlsruhe, a visit to the painting workshop of the Staatliche Akademie der Bildenden Künste and an insight into an artist's studio in Karlsruhe with a talk about his work. Separate dates will be agreed for the three planned excursions.

Appointment: Mo 09:45 am - 01:00 pm and 02:00 pm - 05:15 pm, 20.40 R204 FG BK

First meeting: Monday, 29.04.2019, 09:45 am, 20.40 R204 FG BK

Submission/ Exam: 05.08.2019, 09:00 am - 12:00 am, 20.40 R204 FG BK

Number of participants: 15

Language: German

Schelble, Indra

**History, Art and Theory**

1710367

**Fine Arts: RELATIONS - human machine animal**

The seminar aims to examine the relationships between humans, animals and machines. Contemporary thinkers will thematize and criticize old hierarchies of power and demand a new definition of man. Human-Animal-Studies and speculative realisms open up new spaces of thought with which we will deal. On the basis of texts, examples from art and current research, we examine the respective relationship spaces and work throughout the seminar parallel to the theory practically in the media text, audio, photography and graphic notation.

Appointment: Tue 02 pm - 05 pm, 20.40 R204 FG BK

First meeting: 23.04.2019, 02 pm, 20.40 R204 FG BK

Submission/ Exam: 06.08.2019, 02:00 pm - 05:00

pm, 20.40 R204 FG BK

1710407

**Theory of Architecture: The Space of In/ Stability**

„Architecture never derived its force from stability of culture, but rather from the expression of those moments when that sense of stability slipped.“

For Mark Wigley, curator of the exhibition Deconstructivist Architecture which opened at the Museum of Modern Art in New York in 1988, the power of architecture is not based on harmony, stability and unity. Rather, instability is declared to be a key concept of architecture - culturally, socially, politically, and technically. But what does instability mean in architecture? What processes and cycles of instability are involved? Today, more than 30 years later, Wigley's provocative thesis will be taken up and discussed again.

Appointment: Tu, 11:30 am - 01:00 pm, 20.40 Grüne Grotte

First Meeting: 23.04.2019, 11:30 am Grüne Grotte  
Excursion: date and destination will be announced later

Submission/Exam: 06.08.2019

Number of Participants: 10 Bachelor, 10 Master



Language: German  
 Vrachliotis, Georg  
 Gantner, Manuela  
 Le Gerrette, Bernita

1710454

### **Communication of Architecture: Service Phase Zero - New Perspectives for Eberbach**

As an example for the so called phase zero – a programming phase that identifies basic conditions and user needs – a building site at the entrance to Eberbach is to be developed, presented to the stakeholders and documented in an attractive brochure. The task is part of an ongoing project development, i.e. embedded in a real-world scenario. We will focus on the various communicative processes that are necessary to establish the relevant interests and integrate them into a coherent programmatic solution. The tasks will be worked on in small groups and then merged into an overall concept.

On meeting days of the Fakultätsrat, the course will not start before 4 pm.

Appointment: Wed. 15:00-17:30, 20.40, R 259, weekly

First Meeting: 24 April 2019, 15:00, 20.40, R 259

Exkursion: 15 May 2019 to Eberbach, Workshop in Eberbach on 26 June 2019

Submission/Exam: 7 August 2019

Number of Participants: 15

Language: German

Rambow, Riklef

Jünger, Marie Luisa

1710452

### **Communication of Architecture: a\*komm on-site: Edinburgh & Glasgow**

These two great Scottish cities are fundamentally different in terms of historical development and contemporary character. Their relation is one of rivalry that always was reflected in the fields of architecture, arts, and urbanism. We investigate both cities as examples for the cultural practice of architecture: How is Architecture used to promote the image of the city? How lively is the discourse on architecture and the city? Which role is played by architecture schools, professional bodies, and other players? After an intensive preparatory phase we visit both cities for five days. On this basis an exhibition will be planned and executed that is to be presented at REINSCHAUEN 2019.

Appointment: Fr., 9:45-13:00, 20.40, Grüne Grotte

First Meeting: 26 April 2019, 9:45, 20:40, Grüne Grotte

Excursion: 3 June to 7 June 2019

Submission/Exam: 17 July 2019

Number of Participants: 20

Language: German/English

Rambow, Riklef

Jünger, Marie Luisa

1741309

### **Special Topics of Art History: The Bauhaus**

Appointment: Wed 14:00–15:30, 20.40 R124 FG KG

First Meeting: 24.04.2019

Submission/Exam: Hausarbeit, Abgabe am 30.09.2019

Number of Participants: 4

Language: German

Papenbrock, Martin

1741310

### **Special Topics of Art History: Anti-Photographers, Photographic Activities, and the Photo-Boom: Art Using Photography since the 1960s**

„We are going to talk about artists using photography. Among them happen to be photographers,” wrote Jean Clair in 1973. This differentiation between “photographic art” and “art with photography” (R. H. Krauss) since the 1960s is the subject of the course. We will discuss works by artists associated with, among others, Pop Art, conceptual art and Land Art – like Andy Warhol, Ed Ruscha, John Baldessari or Robert Smithson – to then move on to the “photographic activities” (D. Crimp) in the art of 1970s and 1980s by the likes of Cindy Sherman, Sherrie Levine, or Richard Prince, to conclude with the “photo-boom” of the 1990s, marking photography’s success as an important medium of contemporary artistic practice.

Appointment: Tue 11:30-13:00 Uhr, 20.40 R124 FG KG

First Meeting: 23.04.2019

Submission/Exam: Hausarbeit, Abgabetermin 30.09.2019

Number of Participants: 2 Master, 3 Bachelor

Language: German

Filser, Barbara

1741311

### **Special Topics of Art History: Eat Art. Culinary Highlights in Art**

The course deals with pictorial representations of food and by means of food. What contents are they associated with and in what contexts are these works placed? This includes the genre of still life, table decorations made of sugar, stagings of cannibalism, community kitchen projects. Cultural culinary refinement processes take place

in the kitchen, which on the one hand allow the attribution and questioning of roles and gender, and on the other hand institutional critique can be addressed. With the advent of ecological thought in the 1970s, artists and architects took longer food chains into account and designed living spaces for mixed species. The aim is to activate many of the areas that have to do with food and see which artistic designs and attitudes become attached to it.

Appointment: Tue 14:00-15:30, 20.40 R124 FG KG  
 First Meeting: 23.04.2019  
 Submission/Exam:  
 Number of Participants: 5  
 Language: German/English  
 Hinterwaldner, Inge

1741313

### **Special Topics of Art History: Techniques of naturalness**

Shortly after 1800 the Rococo style was described with devastating words: This period of decay had developed a dishonorable art language that had not least worked in the hypertrophic folds of the robes and the endless line games of the rocaille. An indistinguishability of the levels of reality and thus a confusion of art and life was the result. How much this Rococo has developed its own discourse tradition, should show the seminar: It is about the technically possible, the artificially light and aesthetically volatile. In Sulzer's Theory of Fine Arts (1774), the path leads back to the natural via artificiality alone - it is mother Nature herself that shows us the need for camouflage and mimicry.

Appointment: Tue 9:45-11:15, 20.40 R124 FG KG  
 First Meeting: 23.04.2019  
 Exam: Hausarbeit, Abgabe am 30.09.2019  
 Number of Participants: 4 Master, 4 Bachelor  
 Language: German/English  
 Jehle, Oliver

1741317

### **Special Topics of Art History: Depiction of Movement after Étienne-Jules Marey and Eadweard Muybridge**

The French physiologist Étienne-Jules Marey and the British photographer Eadweard Muybridge lived in the exact same period (1830-1904) and shared also a set of invention that made each of them a pioneer of photography and film. In the 1870s, independently of one another, they worked out various apparatuses and arrangements to record the movements of humans and animals. Their illustrated books had a great impact on

the avant-garde. How did artists and architects receive their iconic visual language, modify it, and put it into context? The course looks at positions from painting (Gericault, Duchamp), architecture (Makovecz, NOX), computer animation (Franke), dance (McLaren) and film (Wachowski Sisters).

Appointment: We 9:45 - 11:15, 20.40 R124 FG KG  
 First Meeting: 24.04.2019  
 Exam: Hausarbeit, Abgabetermin: 30.09.2019  
 Number of Participants: 5 Master, 5 Bachelor  
 Language: German  
 Hinterwaldner, Inge

1741385

### **Building History**

Most of the legends of the origins of architecture agree in identifying the hearth as the energetic and social center of the first house. In fact, until today the kitchen has remained the place where the elements are domesticated and thus also socialized. A look into the past shows that this function of the kitchen has changed over time, mainly driven by technological innovation, assuming different forms and meanings. The seminar is devoted to this transformation of the kitchen both as an artifact and as an environment: between the Primitive Hut and the Internet of Things. The course combines approaches of architectural, cultural and environmental history. The seminar participants will discuss selected topics in presentations and summarize the results in term papers.

Appointment: Tuesdays 15:45-17:15, 20.40 R015  
 Seminarraum Bau- und Architekturgeschichte  
 Submission/Exam: presentation and paper due 30.09.2019  
 Number of Participants: 10 Master, 10 Bachelor  
 Language: German  
 Medina Warmburg, Joaquín

1741391

### **Selected Topics of Building History: From „Bauhütte“ to the Bauhaus. Arts, Craft and Architecture**

„From „Bauhütte“ to the Bauhaus. Arts, Craft and Architecture“, „Bauhaus“ and „Bauhütte“? An apparent contradiction! The highly decorated medieval churches hardly correspond with the myth „Bauhaus“ and its clear, reduced architectural language. In this seminar we want to investigate the question of the connection between the medieval mason lodges and the institution of the Bauhaus Art School. For this purpose, we will examine the organisation of medieval building sites and the education of builders in the late Middle Ages, we will take a look at the rediscovery



of medieval architecture and the romantic glorification of the Middle Ages in the 19th century, and finally we will examine the influence of medieval buildings and building organisation on the Arts & Craft movement and the founding of the Bauhaus.

Appointment: Tuesday, 9:45-11:15, 20.40 R015  
Seminarraum Bau- und Architekturgeschichte  
Submission/Exam: presentation and paper due 30.09.2019

First Meeting: Tuesday, 23.04.2019

Number of Participants: 9 Master, 9 Bachelor

Language: German

Brehm, Anne-Christine

## Construction Technology

1720552

### **Building Analysis: MaterialConcept**

A self-elective project is analyzed and examined concerning his concept and material and constructive conversion. On the basis of a comprehensive search the project is edited in drawings, understood and shown after default in a from 6 to 15-sided pamphlet with pictures and text. It concerns a looked housework with freely agreed appointments.

Control appointment: Care after arrangement

First Meeting: 02.05.2019, 2:30 pm, R240, 20.40

Duty excursion: The project should be visited as far as possible.

Submission/Exam: according to the arrangement

Treatment form: Single work

Number of Participants: 10 Master, 10 Bachelor

Language: German

Haug, Thomas

1720506

### **Research Seminar / Planning and Constructing: Place, Identity and Architecture**

Description see "Research fields".

Wappner, Ludwig

Fischer, Ulrike

1720607

### **Research Seminar / Sustainability: Local Material, Local Design, Local Built**

Description see "Research fields".

Böhm, Sandra

Hebel, Dirk

1720702

### **Virtual Engineering: AR, Industry 4.0, Internet of Things**

In the seminar we deal with the influences of the Industry 4.0 topic on the building industry in general and the furniture industry in particular. We will use an online course developed as part of an EU-funded project to create a custom design product.

First Meeting: 26.04.2019, 11:00, BLM-Room 118

Appointment: Fridays 11:00-12:30

Examination / submission: 14.06.2019

Number of participants: 30

Language: German/English

von Both, Petra

Koch, Volker

1720708

### **Integral Planning: Systems Engineering - target group-oriented product development**

The course „Systems Engineering“ teaches students the theoretical foundations of system-oriented, holistic thinking and presents selected planning methods for system analysis and system synthesis. The supervised user- and target-group-oriented development and optimization of a product or object trains the application of the learned methods, which also include basics of marketing.

Appointment: Wednesdays 09:45-13:00 h

First Meeting: Wednesday, 30.04.19, 09:45-13:00 h

Number of Participants: 8

Submission/Exam: 06.08.19, 9:45

Language: German

von Both, Petra

1720753

### **Structural Analysis and Planning**

In this lecture, the focus is on the analytical examination of the specific constructive properties of stadiums respectively stadium roofs. These constructions have, for example special requirements on the flexible usagesness, large spans and the overall architectural demands. The task of the students is the structural and contextual analysis of a existing stadium building. The results of this analysis will be presented and discussed within the seminar group and summarized in a document. The seminar starts with topic-related lectures.

Appointment: Mo. 09:45 - 13:00, 20.40, HS9

First Meeting: 06.05.2019, 09:45, 20.40, HS9

Excursion: Day excursion, exact date will be com-

municated

Number of Participants: 15 Master, 15 Bachelor

Language: German

Pfeifer, Matthias

Lauterkorn, Daniel

Özcan, Tugay

1720919

### **Building Techniques: wood and wooden material**

Basic course on wood as a building material. Recommended to accompany or prepare building designs in timber construction and other construction technology seminars. Joint course with master students of civil engineering at KIT.

Appointment: Mo, 8.00 - 9.30 a.m. and Wed 2.00 - 3.30 p.m. Bldg. 10.50 HS 102

First Meeting: April, 28th 2019,  
Bldg. 10.50, HS 102

Excursion: will be announced in the course

Submission/Exam: 29.7.2019

Number of Participants: 10

Language: German/English

Wagner, Rosemarie

Sander, Stefan

1720910

### **Building Techniques: Building includes natural resources**

The aim of this course is to give students access to development tasks by designing façade constructions from renewable building materials are to be designed and investigated. The materials used are new developments with the lack of a well-known application examples. The aim of the course is show the potential of these new building materials for the façade design and to present this in attractive and technically clean solutions. The content of the course are practical experiments on the constructional properties of the building materials, the integration of the obtained results and solutions in constructive designs and manufacturing of a sample façade.

Appointment: Friday, 2.00 - 5.15 p.m.,  
Westhochschule, 06.34

First Meeting: Friday, April 26th 2019

Excursion: will be announced

Submission/Exam: Friday, July, 26th 2019

Number of Participants: 15

Language: German

Wagner, Rosemarie

Sander, Stefan

Sum, Bernd

Rahmani, Abbas

1720974

### **Planning and Building with Light**

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: Wed 11:30 - 13:00, 20.40, NH

First Meeting: 24.04.2019, 11:30, 20.40, NH

Examination: 07.08.2019

Number of Participants: 16

Language: German

Wagner, Andreas

Moosmann, Cornelia

## **Urban and Landscape Planning**

1731097

### **Urban Typologies: Min(e)f(i)eld Village Development Intervention as decision making aid between „Viehstrich“ and metropolitan region**

Villages - especially in the vicinity of cities - will become increasingly important in planning. Minfeld - near Kandel - is such a village. Since the growing city of Karlsruhe overcame the psychological barrier of the Rhine, the „Palatine suburbs“ have become the focus of people's attention. Investors become aware and the price of land rises. What makes such a development with the built and social village structure? How can a village promote immigration without giving up its own identity? We will investigate these processes on site in order to design scenarios for Minfeld's future. After a short analysis phase, impulses and food for thought for the future will be developed in participative processes and presented to the citizens of Minfeld.

Work in groups: groups of 2 / groups of 4

Appointment: on Tuesdays, 11:30 - 13:00, 11.40, EG, R026

First Meeting: 23.04.2019

Submission/Exam: 06.08.2019

Number of Participants: 17

Language: German

Neppl, Markus

Becker, Steffen

Burgbacher, Matthias

1731215

### **Landscape Typologies: Green Infrastructure**

Urban planning and landscape planning concepts and green infrastructure can no longer be treated separately in times of climate change. What is hidden behind green infrastructure? In urban areas, it serves as the basis of quality of life.

„Infrastructure“ emphasizes the supply of urban green spaces and open spaces. Where can we find opportunities to create green infrastructure in urban areas? Traces of follow-up and infrastructure landscapes, examples of current and past horticultural shows, as the „BUGA“ of Heilbronn, and International Architecture exhibitions, will be analyzed during the seminar and evaluated in terms of their effectiveness on the potential for new green concepts. Building on this, visions of green infrastructure in urban spaces are to be developed on the basis of a selected location.

Appointment: Tuesday 9:45 - 13:00 p.m., 11.40, Room 115,

First Meeting: Tuesday 23.04.19, 11:00 p.m.

Pin-Up: 21.05.19

Final Presentation: 23.07.19

Submission/Exam: 06.08.19

Number of Participants: 20

Language: German/English

Bava, Henri

Abromeit, Annette

1731170

### **Research Seminar: Atlas Large Settlements in Thuringen - Space. Identity. Transformation.**

Description see “Research fields”.

Engel, Barbara

Rogge, Nikolas

## **Specialization Module Research fields**

1720506

### **Research Seminar / Planning and Constructing: Place, Identity and Architecture**

archlab

The seminar engages with the tangible locus as the link to a design project. The analysis of a specific building culture, tightly woven with the characteristics of the place, will result in concepts and design strategies for a new architecture, which will support the regional identities of the chosen site. A special focus will be aimed at the new interpretation and development of original facade themes, that will strengthen the continuity of the place by use of material, construction and design.

Appointment: Wed, 02:30 pm - 04:00 pm, 20.40

R240, 20.40

Beginning: Wednesday, 24th April 2019, 02:30 pm, R240, 20.40

Number of Participants: 8

Language: German/English

Wappner, Ludwig

Fischer, Ulrike

1720607

### **Research Seminar / Sustainability: Local Material, Local Design, Local Built**

archlab

A Research and Design Journey through Local Resources What is local? What is a resource? Where are resources available? In which forms and quantities? How are they mined, produced and processed? Which suppliers are there? Are the materials really sustainable? Why? What are the criteria? Are they useful? What is the potential of reusable and recyclable materials? In two consecutive semesters, the seminar „Local Material, Local Design, Local Built - A Research and Design Journey through Local Resources“ deals with methodical answers to these questions and an innovative representation of the materials, products and craft processes from the material sample to the prototype.

Regular meeting: Tue 2 - 3:30 pm, Bldg. 11.40 R 026 FG NB/STQP

Individual dates take place until 5:00 pm

1st meeting: 23.04.2019 at 2 pm, Bldg. 11.40 R 026 FG NB/STQP

Presentation: 06.08.2019, Material Library

Submission: 13.08.2019

Number of Participants: 10

Language: German/English

Böhm, Sandra

Hebel, Dirk

1731170

### **Research Seminar: Atlas Large Settlements in Thuringen - Space. Identity. Transformation.**

archlab

The political, social and economic changes that have taken place in East Germany since 1990 have led to a decline in the reputation of the large housing estates. This seminar will teach critical analysis of the "Stadtumbau" by looking at the urban redevelopment of large housing estates in the GDR. The transformations of the settlements will be described and evaluated in drawings and short texts. Both the data collection and the discussion of the results will be conducted in close cooperation with selected municipalities. During the seminar, teams of two students will work on a segment of an "Atlas" based on the settlement assigned to them. The development of the "Atlas", which compares the settlements, will make the spatial dimension of the transformation process readable and assessable.

Appointment: Tuesday 11:30-13:00, Bldg. 11.40, Room 013  
 First Meeting: Tue 23.04.19, Bldg. 11.40, Room 013  
 Excursion: 1-2 days of self organized excursion  
 Submission/Exam: Tue 13.08.19 (Ilias)  
 Number of Participants: 20  
 Submissions in german  
 Language: German/English  
 Engel, Barbara  
 Rogge, Nikolas

1710206

### **Research Seminar/ Special Topics of Building Studies and Design: Living. A shifting relationship between public and private sphere**

The research seminar explores the ambiguity in the architecture of the threshold in urban housing. We will discuss possibilities and impact of soft spaces that function as tools to create new ways of transition between public and private, inside and outside, that create permeability between habitation and urban fabric.

Appointment: Tuesday 2:00-5.15 pm,  
 Bldg. 20.40, R 113  
 First meeting: Tuesday 07.05.2019, 2:00 pm,  
 20.40, room 113  
 Submission/Exam: Tuesday 06.08.2019  
 Number of Participants: 10  
 Language: German  
 Dische, Claudia

1720707

### **Research Seminar: Artificial Intelligence**

Applications of Artificial Intelligence (AI) are increasingly taking on tasks previously reserved for humans only. In the seminar, we examine the question of whether human creativity could be

taken over by machines and thus fundamentally called into question the role of our profession.

Appointment: on Fridays 10:00-11:00h  
 First Meeting: Friday, 26.04.2016, 10:00, BLM  
 Room 118  
 Number of participants: 10  
 Language: German/English  
 von Both, Petra  
 Koch, Volker

1720977

### **Research Seminar: Occupant behavior as a planning parameter**

Many investigations show that occupants have a significant impact on the energy consumption of buildings. This seminar will inquire which knowledge architects and planners have about the (future) occupants of a building at the beginning of a design process or what assumptions they take. First, specifications in standards are analyzed and then questionnaires are prepared for interviews with practicing architects and planners. Further, real buildings are investigated with regard to occupancy patterns. The seminar will run in parallel between KIT and the University of Kaiserslautern: both student groups will continuously communicate their work progress.

Appointment: Tue 15:45 - 17:15, 20.40, R 225  
 First Meeting: 23.04.2019, 15:45, 20.40, R 235  
 Examination: 06.08.2019  
 Number of Participants: 12  
 Language: German  
 Wagner, Andreas

1720716

### **Independent Student Research Project: Research oriented Methods at BLM**

By arrangement.  
 Language: German  
 von Both, Petra

1720758

### **Independent Student Research Project: Structural Design**

Methodological way of approaching an architectural question/issue of an individually chosen subject based on material, form, function and construction.

Appointment: dates by arrangement  
 First Meeting: introduction on 08.05.19, Bldg.  
 20.40, room 130  
 Language: German  
 Pfeifer, Matthias  
 Sedighi, Mandana

1720922

**Independent Student Research Project:  
building technique problems**

In the context of a free student research project questions are to be worked on, which deal with building materials and building methods of free forms in permanent, temporary and changeable buildings. The students can examine a topic of their choice or deal with a topic that can be derived from current development projects in the subject area.

Dates by arrangement

Language: German/English

Wagner, Rosemarie

Sander, Stefan

Sum, Bernd

1720980

**Independent Student Research Project:  
Building Physics / Building Services**

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

Language: German

Wagner, Andreas

Mende, Sandra

Moosmann, Cornelia

Further Independent Student Research Projects  
Independent Student Research Project can be completed at any „Fachgebiet“. If you are interested, please contact the respective professor. Language: German/English

1700081

**Preparation Master Thesis**

During the semester before the start of the Master thesis:

- Independent research work to develop the topic or question for the Masterthesis, ungraded submission in the form of a written exposé.
- Exposé is the basis for the first supervisor's decision as to whether the student will be admitted to the Master's thesis. It must therefore make the successful completion of the Master's thesis appear probable.

1st meeting: Information meeting on 16.05.2019 at 13:00, 20.40 R104 Grüne Grotte

Language: German

Bava, Henri

Engel, Barbara

Frohn, Marc

Hartmann, Simon

Hebel, Dirk

Morger, Meinrad

Neppl, Markus

Vallebuona, Renzo

von Both, Petra

Wappner, Ludwig

**Specialization other Modules**

1710175

**Architectural Visualisation; Visualisation  
as projecting tool**

Extensive practice of a visualisation technique in the design process. A specific question of the design task has to be examined with an appropriate visualisation technique to generate variants of solutions. Methods like Collage, Rendering, Drawing, Model or Animation are to be seen and used as tools for creating ideas. The result is a documentation of the design process plus the final visualisation. Time frame, method and extent of the visualisation are defined in a first consultation individually. This has to take place when starting the design project.

Appointment: Consultations according to agreement, R215, 20.40

Number of Participants: 5 Master, 5 Bachelor

Language: German/English

Beyer, Udo

1710173

**Special Topics of Drawing: Drawing  
Excursion Summer**

Drawing as a method of exploring reality/-ies in an individual approach and perception shall be used for a free evolvement of personality. Preliminary meetings introduce general questions which are basis for an intense work with graphic means of expression during the excursion days. We will be accommodated at Ferme de la Salvétat on the Causse du Larzac in South France with excellent food. The travel has to be organised with private cars.

Appointment: Mo 5:30 pm to 7:00 pm, preliminary meetings every other week, R104 Grüne Grotte, 20.40

First Meeting: Monday 6th May 2019, 5:30 pm, R104 Grüne Grotte, 20.40

Excursion: August 19th to 30th, 2019 to South France

Number of Participants: 8 Master, 5 Bachelor

Language: German  
Beyer, Udo

1710191

### **Digital Design and Production**

Parametric modelling with Rhino and Grasshopper. The development of complex structures in architecture is significantly facilitated in the form-finding process by non-static modelling tools. The seminar gives an introduction to parametric methods by modelling an interesting existing building and creating variants of it using changing input values.

Appointment: Mo 9:45 am to 1:00 pm, R104 Grüne Grotte, 20.40

First meeting: Monday 29th April 2019, 9:45 am  
R104 Grüne Grotte

Number of Participants: 15

Language: German  
Beyer, Udo

1710251

### **Special Topics of Architecture, Furniture and Design: WORLD OF NEW MATERIALS - Current Trends in Architecture, Interiors + Design**

Mindfulness and essentiality in architecture, interior and design / with EXCURSION + WORKSHOP. The seminar offers theory, exercises and practice on basic lectures, guest lectures, student presentations and compulsory excursions to current trends in architecture and design. It begins with an introduction to design history of the 20th century, focuses on guest lectures by designers and material experts and provides insights into the laboratories and new headquarters of Merck in Darmstadt as a global player in the development of future design colours, Screens and special applications.

Appointment: Tuesday 10:00-12:00, 20.40, R108, LG a+m

First Meeting: Tuesday 23 April 2019, 10:00, 20.40, R108, LG a+m

Excursion to Darmstadt on 30 April 2019

Submission/Exam: Tuesday 9 July 2019, 10:00, 20.40

Number of Participants: 10 Master, 10 Bachelor  
Language: German  
Dill, Alex

1710365

### **Excursion Iceland: Reality - under construction**

The seminar takes the form of a 14-day excursion to Iceland. In preparation three meetings are expected to be held. In terms of content, the task

revolves around the use of space and narration. An occupation with selected Icelandic legends and myths serves in the run-up to the excursion to create the basis for the examination of places on Iceland. The aim of the seminar is to develop an interpretation of the chosen places and narrative aspects as artistic reportage in images and texts. In this context, the stories of use and change of use of the places and buildings under consideration will also be examined. A 1-2-day photography workshop under the direction of Christoph Engel is planned as part of the excursion. Estimated total cost per person: 1500.-€ (the costs may be reduced by couchsurfing and applying for funding)

Standard dates (= excursion period): Monday

26.08.2019 (arrival day) - Monday

09.09.2019 (departure day)

First appointment: Tuesday 07.5.2019, 13:00 o'clock, 20.40 R204 (subject area Fine Arts / Drawing Room). 2 further meetings are planned: one at the end of May and one at the end of June.

Submission / Examination: 23.09.2019, 10:00-12:00, 20.40 R204 (Visual Arts / Drawing Room)

Number of participants: 15

Language: German

Schelble, Indra

Engel, Christoph

1720560

### **Special Topics of Building Technology: Phase 0**

Leading up to any design effort the project idea is paramount. What is to become of a vacant plot or building? Who should lead the way for a successful building project, when, and in what way? These are some of the questions that this course seeks to address. In other words, the course is about how to find and invent a project and how to define its guidelines and goals.

Schedule: Mondays, 14:00, 14 days

1st meeting: 29.04.2019, 02:00 pm,

Bldg. 20.40 R240

Examination / submission: 05.08.2019

Individual work, in exceptional cases also group work possible

Number of participants: 12

Language: German

Grether, Wolfgang

1720655

### **Special Topics of Planning and Constructing: Belfast. 100 Views**

This seminar addresses different questions



related to borders. Borders don't necessarily show themselves as what they are. They express themselves in many ways, as interfaces, thresholds, both hard and soft, architectural, geographical, political, religious or psychological. They have specific meanings depending on who approaches them. In our globalized world, our origins often play an important role in the individual evaluation of borders. Within this seminar we will engage with their architectural expression and examine ways to get along with or overcome them.

Appointment: Thursday, 02:00 pm - 05:00 pm,  
R240, 20.40  
Beginning: Thursday, 25th April 2019, 1:00 pm,  
R240, 20.40  
Mandatory for participants of „Belfast. 100 Walls“  
(Vallebuona)  
Open for participants of „Belfast. 100 Voids“ (ISTB,  
Engel)  
Language: German/English  
Vallebuona, Renzo  
Michalski, Manuel  
Schmidt, Sophia

1720705

### **Special Topics of BLM: The designed function**

Ideally, buildings are adapted to people using them and provide functions with space for their uses. The seminar deals with the functions of a building as well as processes actually taking place in it. The questions here are: what are the essential functions, how are relationships and modes of design derived from these, and how functions have been translated into spaces and their relationships? In this functional analysis, apart from the pronounced formal idiom in the building, attention is also paid to its implementation of the social level, such as Addressing basic human needs. The aim of the seminar is a functional building analysis and the creation of a common functional lexicon.

Appointment: Tue 14:00-15:30h  
Submission/Exam: 06.08.19  
Number of Participants: 12  
Language: German  
von Both, Petra  
Graf, Katharina Lisa

1720704

### **Detailed Topics of Building Lifecycle Management: lifeCOWORKINGbalance - Grasshopper-ArchCAD Live Connection**

Seminar focused on Design / Automation within BIM Process. Goal: Bringing together two worlds

– computational design and BIM process Method: Imparting a theoretical basic knowledge ( 3D modeling, scripting, BIM standards). Workshop: Acquiring a methodology and conceptual approach of generative design as well as applying generative design tools (Rhino, Grasshopper, Scripting, Data management). Design: Acquired skills will be applied to a design task. An architectural design will be structured fulfilling BIM standards. Data analysis: 3D data will be checked to proof data consistency.

Appointment: Thu 15:30-18:00h  
First Meeting: 25.04.2019 15:3,  
Bldg. 20.40, Room 118  
Submission/Exam: 08.08.19, 09:00h  
Number of Participants: 10  
Language: German  
von Both, Petra  
Krüger, Tracy  
Tschersich, Christian

1720754

### **Advanced Engineering**

At weekly events, we take a closer look at the construction of skyscrapers. Therefore lectures and exercises on topics such as general structural behavior of high-rise buildings, seismic safety, stiffening possibilities, design of the foundations and influences of the architectural design on the load-bearing capacity.

Appointment: Tue 14:00-17:15, Bldg. 20.40, room 130 FGT  
First Meeting: 30.04.19 14:00, Room 130 FGT, Bldg. 20.40  
Excursion: Day excursion, exact date will be communicated  
Submission/Exam: group work.  
Number of Participant: no limitation  
Language: German/English  
Pfeifer, Matthias

1720807

### **Professional Detailed Planning**

In this course the most important principles, rules and standards of professional detailed planning are explained in detail and discussed on the basis of practical examples. These include the following topics: Waterproofing and moisture protection of building components in contact with the ground, flat and pitched roofs, balconies and terraces, plasters and thermal insulation composite systems, mould and algae.

Appointment: 05.08.-09.08.2019, 9.30-17:30, Bldg. 20.40, room 130 FGT  
First meeting: 05.08.2019, 9.30

Exam: 16.08.2019  
 Number of Participants: 50  
 Language: German  
 Zöller, Matthias

1720921

### **Design to build / Special Topics of Building Technology**

Today, the design of buildings is mainly carried out with digital support. This allows the spatial representation of free and complex shapes, is stored with simulation programs and makes it possible, for example, to check the loadbearing capacity or light guidance in early design phases. Despite the power of this software, the question remains how exactly virtual worlds can be transferred into reality. This discussion is the content of the seminar with the aim to check already worked out drafts for their buildability and to actually build them.

Appointment: Fri, 9.45 a.m. - 1.00 p.m.  
 First Meeting: Fri, April, 26th 2019,  
 Westhochschule Bldg. 06.34  
 Excursion: will be announced  
 Submission/Exam: Presentation with model in  
 scale M 1:1 and documentation  
 Number of Participants: 12  
 Language: German/English  
 Wagner, Rosemarie  
 Sum, Bernd  
 Sander, Stefan

1720963

### **Fire Protection in Planning and Building**

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. In addition, a one-day excursion to a training center for fire brigades is offered. In terms of project work, real buildings are examined with regard to their fire protection concept. For qualification targets see module handbook.

Appointment: Thu 17:30 - 19:00, 20.40, NH  
 First Meeting: 25.04.2019, 17:30, 20.40, NH  
 Examination: 12.08.2019  
 Number of Participants: 10 Master, 10 Bachelor  
 Language: German  
 Wagner, Andreas

Pannier, Philip

1720970

### **Energy and Indoor Climate Concepts**

The students will become familiar with concepts and technologies of energyefficient 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. In addition, an excursion is offered. In terms of project work, individual design projects are examined with regard to their energy performance. For qualification targets see module handbook.

Appointment: Tue 9:45 - 11:15, 20.40, R 240  
 First Meeting: 23.04.2019, 11:15, 20.40, R 240  
 Examination: 14.08.2019  
 Number of Participants: 10 Master, 10 Bachelor  
 Language: German  
 Wagner, Andreas

1720978

### **Special Topics of Building Technology: Solar battery charging station**

E-Bikes will represent a significant share in urban transport in the future. In terms of climate protection, the supply of this share with solar energy is a priority request. On the basis of a search with regard to energy demand of bikes and necessary battery capacities, and to power, size, and mounting possibilities of PV modules, prototypes of solar battery charging stations shall be developed in this seminar, including the sizing of the technical components needed. The stations are meant to supply a KIT bicycle fleet in order to better connect the different campuses. In parallel, an impromptu design for this task is offered by the Professorship of Sustainable Design.

Appointment: Wed 9:45 - 11:15, 20.40, R 235  
 First Meeting: 24.04.2019, 9:45, 20.40, R 235  
 Examination: 07.08.2019  
 Number of Participants: 12  
 Language: German/English  
 Wagner, Andreas

2585402

### **Introduction to Sustainability Assessment of Buildings and Real Estate Management**

Wed 09:45-13:00 10.11 Room 213 Single on 04/24  
 Language: German  
 Lützkendorf, Thomas



2585404

## **Sustainability Assessment of Buildings**

Elective literature: See german version.

Appointment: Wed 09:45-13:00 10.11 Room 213  
every other week

Language: German

Lützkendorf, Thomas

Ströbele, Benjamin

2585403

## **Sustainability Assessment of Buildings Practice**

Appointment: Thu 09:45-11:15 10.11 Neuer Senats-  
saal every other week

Language: German

Ströbele, Benjamin

2585400

## **Real Estate Management II**

Appointment: Wed 09:45-13:00 10.11 Room 213  
every other week

The course is replenished by excursions and guest  
lectures by practitioners out of the real estate busi-  
ness. Elective literature: See german version.

Language: German

Lützkendorf, Thomas

Worschech, Thomas

2585401

## **Übung zu Real Estate Management II**

Appointment: Thu 11:30-13:00 50.31 HS 107 every  
other week

Language: German

Worschech, Thomas

1731095

## **Special Topics of Urban Design: (sub) urban scan**

.....  
This seminar is about a spatial-structural  
analysis of our environment through the medium  
of photography. The non-urban space in the  
surroundings of Karlsruhe is considered, i.e. in  
terms of area from the outskirts of the city to  
rural areas. In the course of structural change,  
these areas are under great pressure and will  
change considerably in the future. The aim is in  
the photographs, which are assembled in a series  
of photographs, to sharpen their eyes, to develop  
a multi-layered imagery and to learn a kind of  
photography that is a useful supplement to urban  
planning analysis.  
.....

Work in groups: groups of 2

Appointment: on Tuesdays, 09:45 - 11:15, 11.40,  
EG, R026

First Meeting: 23.04.2019, 09:45

Submission/Exam: 13.08.2019

Number of Participants: 16

Language: German

Neppl, Markus

Mirkes, Jeff

1731167

**Special Topics of Urban Design: „Unloved Heritage Socialist City?“ - Dissemination and Discussion in Karlsruhe, Krasnojarsk, Kharkiv**

From 2016 to 2019 we worked with partners from Russia and Ukraine on the trilateral research project „Unloved Heritage “Socialist City”? Planning strategies for the sustainable urban development of large settlements from the 1960s and 1970s”. The results of the 3-year-research-project shall be presented and discussed with a broader audience – in Karlsruhe, Krasnojarsk and Kharkov. The course requires professional preparation for the discussion rounds and a short report. Travel expenses and costs for accommodation are covered by the VolkswagenStiftung. Interested students (max 3 participants possible) apply with letter of motivation and portfolio via email to [barbara.engel@kit.edu](mailto:barbara.engel@kit.edu) until 30.04.19.

Karlsruhe, July 9th to 13th

Krasnojarsk, September 15th to 19th

Kharkov, November, 26th to 30th

Language: English

Engel, Barbara

Rogge, Nikolas

1731163

**Special Topics of Urban Design-Workshop: A Bigger Splash. New Ideas for Heidesee** The bathing lake in the municipality of Forst is operated as a municipal facility and has been a money-losing business for years. During a 4-day workshop, there are different concepts for the future development of the lake site and the community to be elaborated and compared – in the form of scenarios. Is the future “Back to Nature” or towards an “Amusement park”? At the workshop, intensive working periods will alternate with creative moments at the lake.

Appointment: TBA

First Meeting: TBA

Submission/Exam: TBA

Number of Participants: 10

Language: German/English

Engel, Barbara

1731180

**Special Topics of construction planning law**

Literature:

BGB ISBN 978-3-406-72963-8 (C.H.Beck)

VOB/BGB/HOAI ISBN 978-3-406-72220-4

(C.H.Beck)

Appointment: Tue 11:30-13:00, Bldg. 20.40, HS9

First Meeting: Tue 30.04.2019, 11:30-13:00,

Bldg. 20.40, HS9

Exam: Tue 25.06.19, 11:30-12:30,

Bldg. 20.40, HS9

Language: German

Meiringer, Eberhardt

1741392

**Selected Topics of Building History: Preservation of historical monuments - Theory and Practice**

The preservation and maintenance of historical monuments or monument ensembles is a task that is performed by specialized architectural firms, restorers and monument protection authorities. The seminar gives an insight into selected topics and questions. The focus is on the history and theory of monument preservation, the history of central European town houses, inventory, practical examples of monument preservation and old building renovation as well as legal considerations.

Appointment: The seminar is offered as a compact course, 20.40 R015 Seminarraum Bau- und Architekturgeschichte

Submission/Exam: presentation and paper due 30.09.2019

First Meeting: Wednesday, 24.04.2019

Number of Participants: 10 Master, 10 Bachelor

Language: German

Hanschke, Julian

6072204

**Photogrammetry of Architecture**

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

Appointment: Fr, 09:45 - 13:00,

20.40 R015 FG BG, Practice in the afternoon

1st meeting: 24.04.2019, 13:30, R. 028, Bldg. 20.40

Exam: assessed project work (3D modelling of a building) consisting of the elaboration of the practical exercise

Number of participants: 5 Master, 5 Bachelor

Language: German

Vögtle, Thomas



**REINSCHAUEN**

Annual Exhibition of the  
KIT-Fakultät für Architektur

July 17th 2019  
from 4 pm

**SAVE THE DATE**



**Fakultät Architektur international (FAi)**

# Wanderlust?

The FAi office advises you on planning and implementing your studies abroad at one of our more than 50 partner universities in Europe and overseas, and answers your questions about the application process, the requirements and recognition of the courses completed abroad.

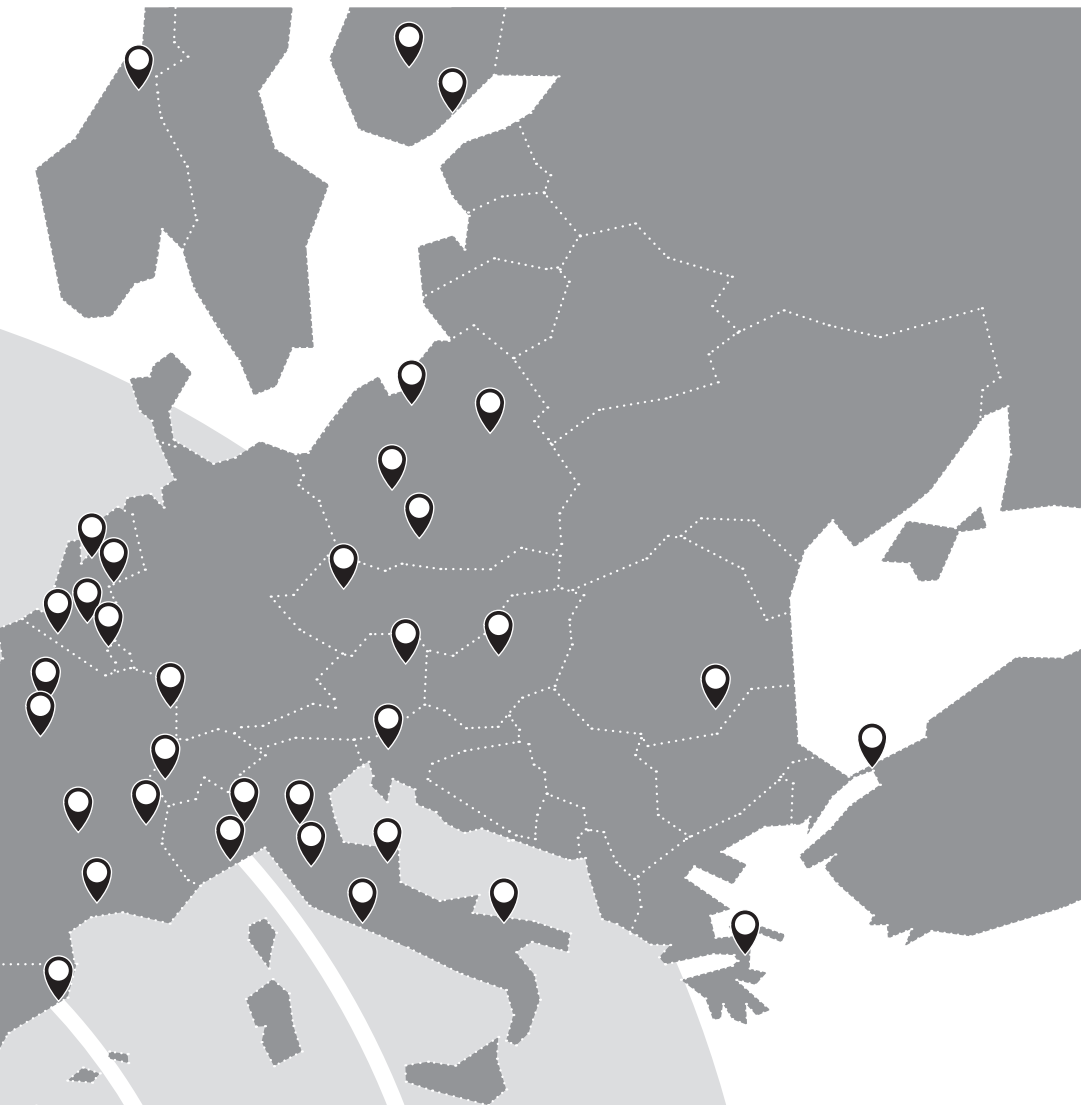
Contact us:

Dr. Judith Reeh  
Coordinator  
Bdg. 20.40, 1. Floor, Room 138  
Tel: 608-43866

Lena-Marika Pfefferle  
FAi-Office (Erasmus Office)  
Bdg. 20.40, 2. Floor, Room 247  
Tel: 608-42156 / 608-42160

<http://www.arch.kit.edu/internationales/>





The faculty has partner universities in **Belgium** Brussels / Gent, Liege, Louvain **Greece** Athens **Finland** Helsinki, Tampere **France** Compiègne, Grenoble, Montpellier, Nantes, Paris, Saint-Etienne, Strasbourg **Italy** Ancona, Bari, Bologna, Firenze, Genoa, Milano, Roma **Netherlands** Eindhoven, Delft **Norway** Trondheim **Austria** Vienna **Poland** Gdansk Poznan Warszawa Wrocław **Portugal** Coimbra Lisboa Porto **Romania** București **Switzerland** Lausanne **Slovenia** Ljubljana **Spain** Barcelona, Bilbao, La Coruña, Las Palmas de Gran Canaria, Madrid, Valencia, Zaragoza **Czech Republic** Prague **Turkey** Istanbul **Hungary** Budapest as well as numerous cooperations with universities in Overseas.

# FACHSCHAFT



## VOLLVER- SAMMLUNG

25. April 2019

19:00 Uhr

Grüne Grotte

Geb. 20.40

bei Bier & Brezeln

**FACHSCHAFT  
ARCHITEKTUR  
KARLSRUHE E.V.**

Karlsruher Institut für  
Technologie KIT  
Fakultät für Architektur  
Englerstr. 7 | Geb. 20.40  
Raum 202



# ARCHITEKTUR



## WÖCHENTLICHE SITZUNG

Immer montags  
13:15 Uhr im  
EE Hörsaal oder  
bei gutem Wetter in  
einem der Innenhöfe



@ Fachschaft  
ArchitekturKIT



fachschaft@arch.kit.edu

# **FACHSCHAFT KUNSTGESCHICHTE**



Karlsruher Institut für Technologie  
Fakultät für Architektur  
Englerstraße 7, Geb. 20.40, Raum 008

Erste Sitzung am Mi, 24.04., 13–14 Uhr,  
dort wird der neue wöchentliche Termin bestimmt

Facebook: Fachschaft Kunstgeschichte Karlsruhe  
Instagram: @fachschaftkunstgeschichteka  
Mail: [fachschaft-kunstgeschichte@web.de](mailto:fachschaft-kunstgeschichte@web.de)  
Homepage: [kg.ikb.kit.edu](http://kg.ikb.kit.edu)

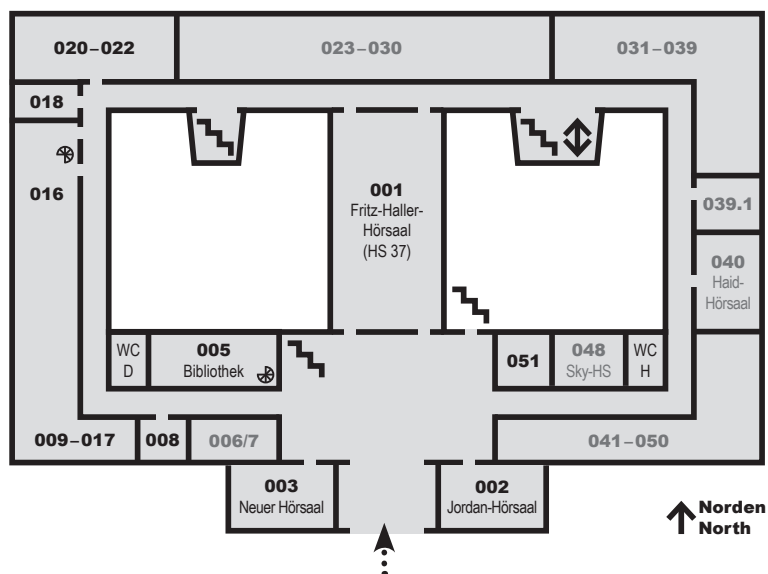


# GEBÄUDE 20.40

## Erdgeschoss

# BUILDING 20.40

## Groundfloor



- 001** FRITZ-HALLER-HÖRSAAL  
Lecture Hall
- 002** JORDAN-HÖRSAAL  
Lecture Hall
- 003** NEUER HÖRSAAL  
Seminar Room
- 005** Fakultätsbibliothek  
(Zugang über Raum 106)  
Faculty Library  
(Access via Room 106)
- 008** Fachschaft Kunstgeschichte  
Student Council Art History
- 009-017** BAU- UND ARCHITEKTUR-  
GESCHICHTE  
History of Building  
and Architecture  
Prof. Dr. Medina Warmburg
- 016** Bibliothek Baugeschichte  
Library of Building History
- 018-022** KUNSTGESCHICHTE  
Art History
- 018** Prof. Dr. Hinterwaldner
- 020** Sekretariat  
Secretary
- 022** Prof. Dr. Jehle

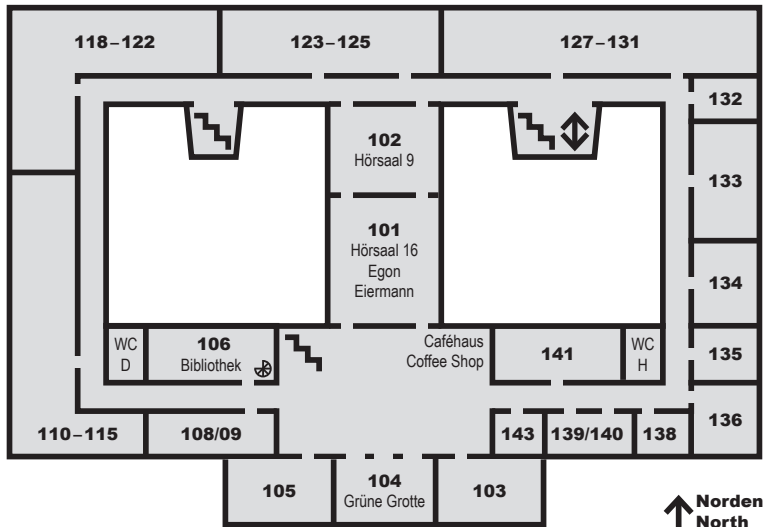
- FAKULTÄT BAU-, GEO- UND  
UMWELTWISSENSCHAFTEN  
Faculty of Civil Engineering
- 006/7** Fachschaft Geodäsie  
Student Council Geodesy
- 023-030** Institut für Photogrammetrie  
Intitute for Photogrammetry
- 031-050** Geodätisches Institut  
Geodetic Institute
- 039.1** PC-Pool
- 040** Haid-Hörsaal  
Haid Lecture Hall
- 048** Sky-Hörsaal  
Sky Lecture Hall
- 051** Hausmeister  
Caretaker

# GEBÄUDE 20.40

## 1. Obergeschoss

# BUILDING 20.40

## First Floor



- 101** EGON-EIERMANN-HÖRSAAL  
Lecture Hall
- 102** HÖRSAAL 9  
Lecture Hall
- 103** Arbeitssaal (Bachelor)  
Student Studio (Bachelor)
- 104** Seminarraum Grüne Grotte  
Seminar Room
- 105** Arbeitssaal (Bachelor)  
Student Studio (Bachelor)
- 106** Fakultätsbibliothek  
Faculty Library
- 108/09** ARCHITEKTUR UND MOBILIAR  
Interiors and Furniture Design  
AkadOR Dill
- 110-115** GEBÄUDELEHRE  
Building Design  
Prof. Morger
- 113** Seminarraum Gebäudelehre  
Seminar Room Building Design
- 118-122** BUILDING LIFECYCLE  
MANAGEMENT  
Building Lifecycle Management  
Prof. Dr. v. Both
- 123-125** KUNSTGESCHICHTE  
Art History

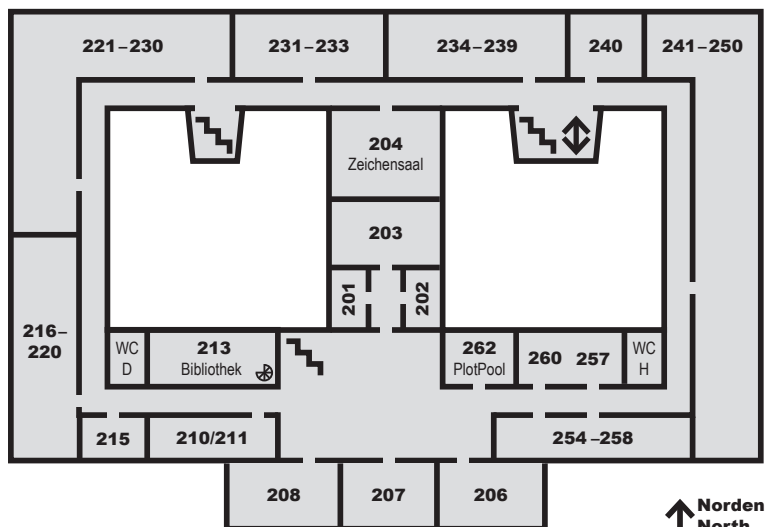
- 127** MASTERSTUDIENGANG  
ALTBAUINSTANDSETZUNG  
Master Programme  
Building Restoration  
Prof. Pfeifer
- 130** TRAGKONSTRUKTIONEN  
Structural Design  
Prof. Pfeifer
- 132** BAUTECHNOLOGIE  
Building Technology  
Prof. Dr. R. Wagner
- 133/134** Arbeitssäle (Master)  
Student Studios (Master)
- 135** Dekanatssekretariat  
Dean's Secretary
- 136** Fakultätssitzungssaal  
Faculty-Meeting Room
- 138** Dekan und Geschäftsführung  
Dean and Managing Director
- 139/140** Studiendekanat / Dean of Studies' Office  
Fakultätsprüfungsamt  
Faculty Examination Office  
Studienberatung  
Study Counselling
- 141** Materialbibliothek  
Material Collection
- 143** Öffentlichkeitsarbeit  
Public Relations

# GEBÄUDE 20.40

## 2. Obergeschoss

# BUILDING 20.40

## Second Floor



- 201/203** Arbeitssäle (Master)  
Student Studios (Master)
- 202** Fachschaft Architektur  
Student Council Architecture
- 204** Zeichensaal  
Drawing Room
- 206/208** Arbeitssäle (Master)  
Student Studios (Master)
- 207** BLM-Labor  
BLM Laboratory  
Prof. Dr. v. Both
- 213** Fakultätsbibliothek  
Faculty Library
- 210** EKUT-Seminarraum  
Seminar Room
- 215** DARSTELLENDGEOMETRIE  
Descriptive Geometry  
Dipl.-Ing. Beyer
- 216-220** RAUM UND ENTWERFEN  
Spatial Design  
Prof. Frohn
- 221-230** BAUPLANUNG  
Architectural Design  
Prof. Hartmann
- 231-233** BILDENDE KUNST  
Visual Arts  
Prof. Craig

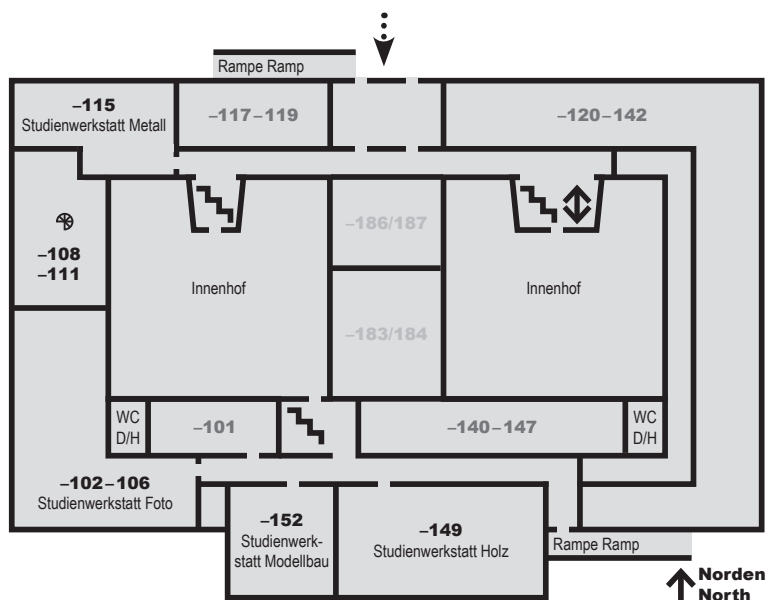
- 234-239** BAUPHYSIK UND  
TECHNISCHER AUSBAU  
Building Science  
Prof. A. Wagner
- 240-250** BAUKONSTRUKTION  
Building Construction  
Prof. Wappner
- GRUNDLAGEN DER  
BAUKONSTRUKTION  
Fundamentals of Building  
Construction  
Akad. OR Haug
- KONSTRUKTIVE  
ENTWURFSMETHODIK  
Building Construction Methodology  
Prof. Vallebuona
- 240** Seminarraum  
Seminar Room
- 254-258** ARCHITEKTURTHEORIE  
Theory of Architecture  
Prof. Dr. Vrachliotis
- 257/260** ARCHITEKTUR-  
KOMMUNIKATION  
Communication of Architecture  
Prof. Dr. Rambow
- 262** PlotPool

## GEBÄUDE 20.40

### Untergeschoss

## BUILDING 20.40

### Basement



- 102** Studienwerkstatt Foto  
Study Workshop Photography  
Hr. Seeland / Hr. Engel
- 108-111** Bibliothek Baugeschichte  
(Zugang über Raum 016)  
Library of Building History  
(Access via Room 016)
- 115** Studienwerkstatt Metall  
Study Workshop Metal  
Hr. Heil
- 149** Studienwerkstatt Holz  
Study Workshop Wood  
Fr. Knipper
- 152** Studienwerkstatt Modellbau  
Study Workshop Model  
Hr. Neubig

FAKULTÄT BAU-, GEO- UND  
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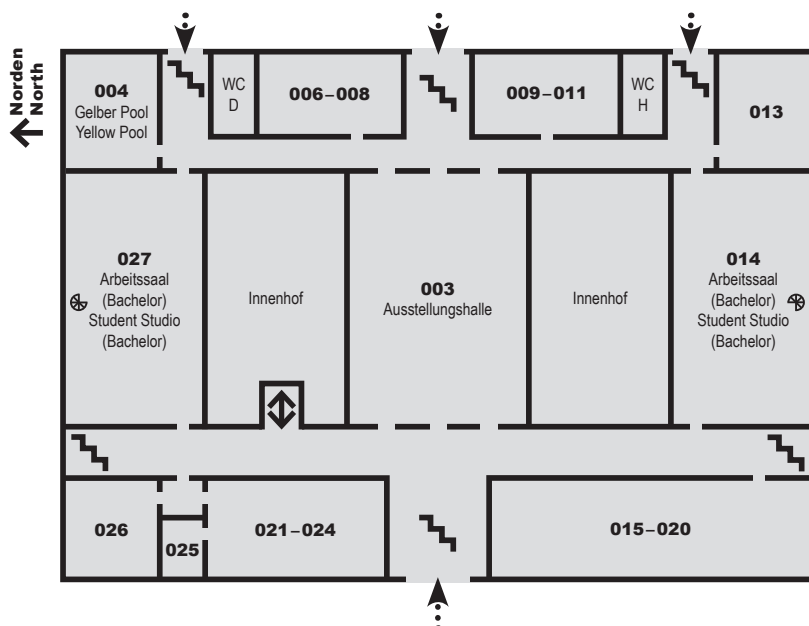
**-117-145** Geodätisches Institut  
Geodetic Institute

# GEBÄUDE 11.40

## Erdgeschoss

# BUILDING 11.40

## Groundfloor



**003** Ausstellungshalle  
Exhibition Hall

**004** Gelber Pool  
Yellow Pool

**008** Hausmeister  
Caretaker

**009-011** archIT  
IT-Service  
Dipl.-Ing. Besser, Hr. Gonzalez

**013** Seminarraum  
Seminar Room

**014** Arbeitssaal (Bachelor)  
Untere Ebene  
Student Studio (Bachelor)  
Lower Level

**015-020** STADTQUARTIERSPLANUNG  
Urban Housing and Development  
Prof. Neppl

**018** ARCH.LAB  
Dr. Peter Zeile

**021-025** NACHHALTIGES BAUEN  
Sustainable Building Design  
Prof. Hebel

**026** Seminarraum  
Seminar Room

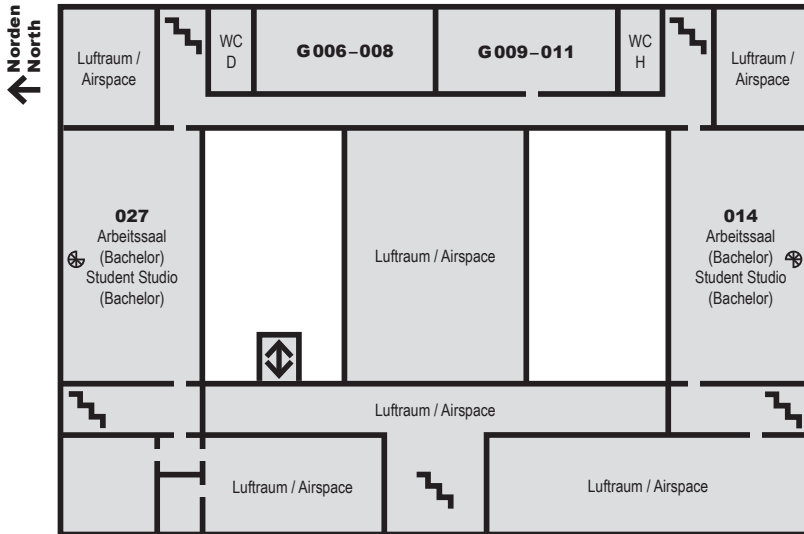
**027** Arbeitssaal (Bachelor)  
Untere Ebene  
Student Studio (Bachelor)  
Lower Level

# GEBÄUDE 11.40

## Galerie

# BUILDING 11.40

## Gallery



### G006-008 INTERNATIONALER STÄDTEBAU

(Zugang über Raum 109)  
International Urban Design  
(Access via Room 109)  
Prof. Dr. Engel

### G009-011 STADT UND WOHNEN

Urban Living  
Prof. i.V. Krass

**014** Arbeitsaal (Bachelor)  
Obere Ebene  
Student Studio (Bachelor)  
Upper Level

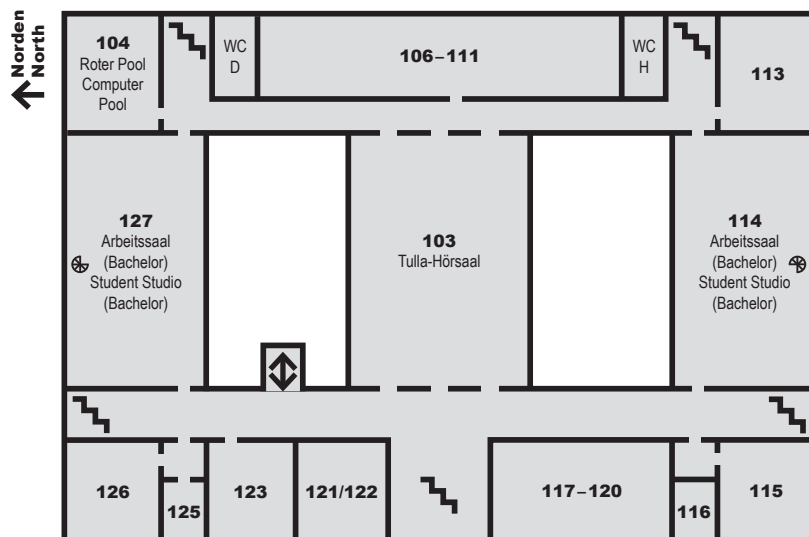
**027** Arbeitsaal (Bachelor)  
Obere Ebene  
Student Studio (Bachelor)  
Upper Level

## GEBÄUDE 11.40

## 1. Obergeschoss

## BUILDING 11.40

## First Floor

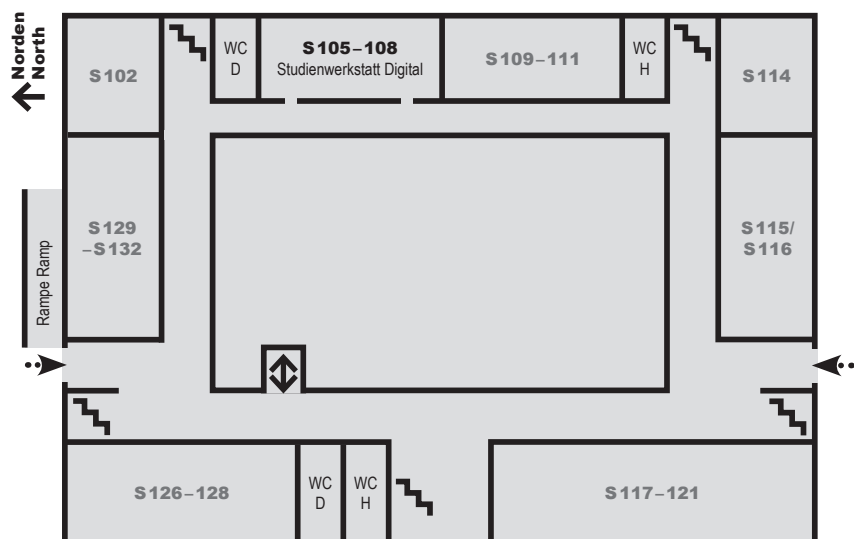


- 103** TULLA-HÖRSAAL  
Lecture Hall
- 104** Roter Pool  
Red Pool
- 106-111** INTERNATIONALER  
STÄDTEBAU  
International Urban Design  
Prof. Dr. Engel
- 109** Sekretariat  
Secretariat
- 113** Künstlicher Himmel  
Artificial Sky
- 114** Arbeitssaal (Bachelor)  
Untere Ebene  
Student Studio (Bachelor)  
Lower Level

- 115** Seminarraum  
Seminar Room
- 116-120** Nicht belegt  
Not occupied
- 121-126** LANDSCHAFTSARCHITEKTUR  
Landscape Architecture  
Prof. Bava
- 123** Bibliothek Landschaftsarchitektur  
Library Landscape Architecture
- 125** Sekretariat  
Secretariat
- 127** Arbeitssaal (Bachelor)  
Untere Ebene  
Student Studio (Bachelor)  
Lower Level

**GEBÄUDE 11.40**  
Souterrain

**BUILDING 11.40**  
Basement



**S105-108** Studienwerkstatt Digital / Lasercutter  
Study Workshop Digital  
Dipl.-Ing. Abraham

Cover image:

**Presentation of Bachelor's Thesis**  
Architectural Space and Design  
Photo: Studienwerkstatt Fotografie



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Listen to the faculty playlists on Spotify.

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**FAKULTÄT  
FÜR ARCHITEKTUR**