Welcome to the Department of Architecture
Welcome to a special semester

The Department of Architecture at the Karlsruhe Institute of Technology warmly welcomes you.

We have two special semester behind us and also the following one will be different to the normal study operation. Due to the corona crisis, like all teaching institutions worldwide, we are faced with the challenge of adapting our teaching environment to the actual circumstances.

The semester will start on April 12, 2021. Until further notice, it will take place as a complete online semester with the option of switching into classroom teaching, if the situation allows it. But we definitely guarantee to all students, who are not on site, online lectures till the end of the semester.

Not only the classroom teaching is interrupted, but also the numerous events that normally characterize life at our department are reduced, cancelled or take place online this upcoming semester. As soon as events are possible in the normal way again, we will inform you on our homepage.

In the course of measures against the spread of the corona virus also all central facilities of the department (study workshops, architecture library, plot pool, computer pool rooms and practice rooms (studios etc.) as well as the dean’s office and the secretariats of the professors are just limited open.

The department staff can always be reached by email. The normal contacts and office hours apply again as soon as possible.

Despite all adversities, we wish you a good start. Let’s make the best of it together in this situation!
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Introduction Master’s Program

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• When do I choose my courses?
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• How do I get my Transcript of Records before I go back to my home university?

Department tour
The KIT

Section I - Biology, Chemistry and Process Engineering
Section II - Informatics, Economy and Society
Section III - Engineering and Electrical Engineering
Section IV - Natural and Built Environment
Section V - Physics and Mathematics
Where are we located?

20.40 Architecture Building
11.40 Collegiate Building at the Ehrenhof

Karlsruhe Institute of Technology (KIT)
History
The Department of Architecture at the Karlsruhe Institute of Technology – the KIT, looks back onto a long tradition, which reaches back to the founding of the university of Karlsruhe in the year 1825.

Today
With 1,000 students, 100 scientists and 20 professors, the Department of Architecture at the KIT of Karlsruhe is pursuing a research-oriented teaching approach in cooperation with public organizations and companies - embedded in the excellent living and research environment of the greater Karlsruhe area.

Our central task is to sustainably improve teaching and research in our field and to develop strategies for the transformation of our built environment.
Mission

Architectural design (Entwerfen) is the core of the Department and the exploration of complex aesthetic and spatial solutions with a sustainable aim its primary objective.

Design (Entwerfen) forms a strong intellectual culture. Within this culture the ability to synthesize is a key competence – a unique skill that is much needed in society to solve the pressing issues of the future.

An integrated approach is what KIT Architecture offers at many levels. The common theme of the Department, which also encompasses landscape and urban architecture, cultural tradition and technology, is the exploration of design strategies for built environment and the big challenges of future.
Vision

The Department gives young architects the broad expertise to enable them to develop future strategies for the spatial and material evolution of society.

We believe in engaging positively with the ongoing challenges of globalization, cultural transformations and climate change.

Our vision is to play a crucial role in the global efforts to incorporate design strategies into research to deliver resilient solutions to systemic challenges.
Department of Architecture

Facts and Figures

4 Institutes
23 Units (Specialist- and subject area)
20 Professors
45 Ass. Professors
73 Doctoral students
1100 Students – 900 Architecture Students
185 International Students

Courses offered at the Department

– Bachelor / Master Architecture
– Bachelor / Master History of Art
– Master Course „Old Building Restoration“
– French-German Double Masterprogramme „Building and Planning in Euroregions“ in Cooperation with the ENSA Strasbourg (France)
# Department of Architecture

## The Institutes

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<th>Institute for Building Design and Technology (IEB)</th>
<th>Institute for Urban and Landscape Design (IESL)</th>
<th>Institute for History of Art and Architecture (IKB)</th>
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<td>– Building Design</td>
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<td>– Theory of Architecture</td>
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<td>– Communication of Architecture</td>
<td>– Building Materials and Components</td>
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Department of Architecture
The Institutes – EKUT

Institut Entwerfen, Kunst und Theorie (EKUT)

Prof. Marc Frohn
RAUMGESTALTUNG UND ENTWERFEN
Spatial Design

Dipl.-Ing. Udo Beyer
DARSTELLENDE GEOMETRIE
Descriptive Geometry

Prof. Meinrad Morger
GEBÄUDELEHRE
Building Design

Prof. Simon Hartmann
BAUPLANUNG UND ENTWERFEN
Architectural Design

Prof. Stephen Craig
BILDENDE KUNST
Visual Arts

Prof. i.V. Oliver Elser
ARCHITEKTURTHEORIE
Theory of Architecture

Prof. Dr. Riklef Rambow
ARCHITEKTUR KOMMUNIKATION
Communication of Architecture
Department of Architecture
The Institutes – EKUT

Institut Entwerfen, Kunst und Theorie (EKUT)

Prof. Marc Frohn
RAUMGESTALTUNG UND ENTWERFEN
Spatial Design

Architectural Office:
FAR frohn & rojas
Berlin, Santiago de Chile, Los Angeles

Prof. Meinrad Morger
GEBÄUDELEHRE
Building Design

Architectural Office:
Morg & Partner
Basel, Switzerland
Department of Architecture
The Institutes – IEB
Department of Architecture
The Institutes – IEB

Institut Entwerfen und Bau-technik (IEB)

Prof. Ludwig Wappner
BAUKONSTRUKTION
Building Construction

Architectural Office:
Allmann, Sattler, Wappner
München, Germany

Prof. Dirk Hebel
NACHHALTIGES BAUEN
Sustainable Building Design

Architectural Office:
Instant Architecture
Freiburg, Germany
Institut
Entwerfen von Stadt und Landschaft (IESL)

Prof. Markus Neppl
STADTQUARTIERS-PLANUNG
Urban Housing and Development

Architectural Office:
ASTOC
Köln, Germany

Prof. Henri Bava
LANDSCHAFTS-ARCHITEKTUR
Landscape Architecture

Architectural Office:
Agence Ter
Paris, France
Department of Architecture
The Institutes – IKB

Prof. Dr. Oliver Jehle
KUNSTGESICHTE
Art History

Prof. Dr. Inge Hinterwaldner
KUNSTGESICHTE
Art History

Prof. Dr. Joaquin Medina Warmburg
BAU- UND ARCHITEKTURGESICHTE
History of Building and Architecture

Prof. Dr. Alexandre Kostka
DAAD-GASTPROFESSUR
KUNSTGESICHTE
DAAD Guest professorship
Art History
Events

Karlsruher Architekturvorträge and Kunstgeschichte. Vorträge am Donnerstag - Unter Vorbehalt

Reinschauen
Annual Exhibition / Open Doors of the Department mid-July 2021

http://www.arch.kit.edu/aktuelles/index.php
Events

http://www.arch.kit.edu/aktuelles/veranstaltungskalender.php

Karlsruher Architekturvorträge

SKIZZENWERK METHODIK - online - Wednes-day - 09.00 pm

21.04.2021
LRO, Arno Leder

28.04.2021
B+, Angelika Hinterbrandner

05.05.2021
Lütjens Padmanabhan

12.05.2021
AFF Architekten

19.05.2021
AretzDürr
Events

http://www.arch.kit.edu/aktuelles/veranstaltungskalender.php

Karlsruher Architekturvorträge

SKIZZENWERK METHODIK - online - Wednesday - 09.00 pm

26.05.2021
Harquitectes

02.06.2021
c/o nowe
Events

http://www.arch.kit.edu/aktuelles/veranstaltungskalender.php

Karlsruher Architekturvorträge

ars et architectura - will be announced
Department of Architecture
Impressions

Annual exhibition „Reinschauen“ in July
Impressions

Annual exhibition „Reinschauen“ in July
Impressions

Annual exhibition „Reinschauen“ in July
Impressions

https://www.youtube.com/watch?v=2Z5VP7b6CeI

REINSCHAUEN 2017
Publikationen

Online-Publikationen - BA/MA Arbeiten

Bachelor-Thesis Sommer 2020 Teil 2
Bachelor-Thesis Sommer 2020 Teil 1
Master-Thesis Winter 2019/20 Teil 2
Master-Thesis Sommer 2019
Bachelor-Thesis Sommer 2019
Master-Thesis Winter 2018/19

Jahrbuch 2020

http://www.arch.kit.edu/aktuelles/abschlussarbeiten.php
Department of Architecture
Central Services

Faculty Library
20.40 Room 106

Library Architecture- and Art History
20.40 Room 016
Central Services

**Wood Workshop**
20.40 Room –149
Ms. Knipper

**Model Workshop**
20.40 Room –152
Mr. Neubig
Central Services

**Photo Workshop**
20.40 Room –102
Mr. Seeland / Mr. Engel

**Metal Workshop**
20.40 Room –115
Mr. Heil
Central Services

**archIT**
11.40 Room 009–011
Mr. Besser / Mr. Gonzales

**Digital Workshop**
11.40 Room S 105–108
Mr. Abraham
The student council of the department of architecture represents all students of the bachelor and master courses. As an independent association they support the interests of the students in the commissions and bodies of the department. Furthermore they help by general questions and organisational affairs for example events, celebrations and exhibitions.
Department of Architecture
Central Services

Computer-Pools

**Building 20.40**
PlotPool
Second Floor Room 262

**Building 11.40**
Yellow Pool
Ground Floor Room 004

Red Pool
First Floor Room 104
Faculty Board
20.40 Rooms 135–138

Dean
Prof. Dirk Hebel

Deputy Chairperson
Prof. Dr. Jaoquin Medina Warmburg

Deputy Chairperson Research
Prof. Andreas Wagner

Deputy Chairperson Strategy
Prof. Simon Hartmann

Dean of Studies
Prof. Dr. Barbara Engel

Dean of Studies (Art History)
Prof. Dr. phil. Oliver Jehle

Managing Director
Dr.-Ing. Judith Reeh

Deanery
20.40, Room 135
Mon.-Tue., Thu.-Fri. 9:00 until 12:00 h
Phone: (0721) 608-42156
Fax: (0721) 608-46090
eMail: dekanat@arch.kit.edu

Dean’s Assistance
Nina Dürr

Office for Student Affairs – Department
20.40, Room 139
Ute Hoffmann
Phone: (0721) 608-43879
ute.hofmann@kit.edu
Opening hours:
Mon., Tue. and Thu. 9:00 until 12:00 h
The subject fields follow a variety of very different research approaches—from a more theoretical basic research constantly developing new methods, models and technologies up to the concrete application of innovative methods and technologies in the planning and structural practice.

Building from Waste / FG Prof. Hebel (2019)
Pavillon for the BUGA (Bundesgartenschau Heilbronn / Federal Landscape Fair).
Design to Built - Student Project
with recycled material

http://nb.ieb.kit.edu/
The subject fields:

• Climate-compatible and Energy-efficient integrated Planning und Building
• Sustainable Materials and Resources
• Digital Methods for the Built Environment
• Transformation of City und Landscape
• Human Centered Design
• Architectural Criticism and Curatorial Practice
• Cultural Heritage and Historical Building Research

EMPA - Switzerland

Project – Urban Mining, Prof. Dirk Hebel
Department of Architecture Research

Project – Urban Mining, Prof. Dirk Hebel
EMPA - Switzerland
MycoTree is nominated for the Beazley Design of the Year 2018 Award. #BeazleyDesignsoftheYear

MycoTree is a spatial branching structure made out of load-bearing mycelium components. Its geometry was designed using 3D graphic statics, keeping the weak material in compression only. Its complex nodes were grown in digitally fabricated moulds.

Utilising only mycelium and bamboo, the structure represents a provocative vision of how we may move beyond the mining of our construction materials from the earth’s crust to their cultivation and urban growth; the potential to propose an alternative to established, structural materials for a more sustainable building industry.”
Department of Architecture
Research
Research - Prof. Renzo Vallebuona
Building Construction Methodology

Project „ICE-Lab”

Laboratory Unit for environmental research scientists in Tierra del Fuego, Patagonia.

The students designed and built the Lab- and Inhabitation Unit in a hangar in Karlsruhe. After completion, the Unit was completely dismantled and put in small parts in a container, ready for transportation. The imminent overseas shipping to the Chilean Patagonia implies a very last stage to come, which comprises the erection of the ICELab-Unit on the site. This work is going to be performed by KIT Architecture students in collaboration with Universidad de Concepcion, Chile. All in all, the goal of this on-going process was to get as close as possible to a real building experience, to offer each student the opportunity to become a vital figure in the genesis of a project.
Department of Architecture
Research
Research - Doctorate Program

International Doctorate Program “Space”

with
HCU Hamburg
Universität Stuttgart
TU München
TU Wien (A)
ETH Zürich (CH)
Department of Architecture

Research

SAAI - Südwestdeutsches Archiv für Architektur und Ingenieurbau

Biennale Venice 2018
Sleeping Beauty – Reinventing Frei Otto’s Multihalle/ Exhibition in Venice
Biennale Venice 2018

Sleeping Beauty – Reinventing Frei Otto’s Multihalle/ Exhibition in Venice
Research - Exhibitions

SAAI - Südwestdeutsches Archiv für Architektur und Ingenieurbau

Karlsruhe 2016/17

ZKM
Frei Otto. Thinking by Modeling
Introduction

Master Programme
General semester dates

12.04.2021  Start Lecture time
01.05.- 31.05.2021  Registration for the exams
24.07.2021  End Lecture Time
26.07.- 13.08.2021  Exam Period
The Module Handbook can be downloaded from the department’s website.

It contains detailed information to all modules and courses, as well as the study- and examination regulations of the department.

http://www.arch.kit.edu/studium-und-lehre/studiendownloads.php
The Semester Program is available at the beginning of a new semester and can be downloaded as a pdf from the department’s website.

It contains information on the range of courses, events, schedules, study schedules, important addresses, dates and far more.

Information of courses you can find in the online university calendar.

http://www.arch.kit.edu/studium-und-lehre/studiendownloads.php
Exemplary Curriculum

1. Sem

Design Project 12 ECP
Building Construction 1

2. Sem

Design Project 12 ECP
Urban Planning 1

3. Sem

Design Project 12 ECP
Urban Planning 2

4. Sem

Master's Thesis 30 ECP

Advanced Structural Design 4 ECP

Advanced Desig Project Studies 1 4 ECP

Advanced Design Project Studies 2 4 ECP

Construction Technology 4 ECP

History Art and Theory 4 ECP

Urban and Landscape Planning 4 ECP

Architectural Design 4 ECP

Elective Module 4 ECP

Elective Module 4 ECP

Interdisciplinary Qualifications 4 ECP

Interdisciplinary Qualifications 4 ECP

Imaginaria Design 2 ECP

Imaginaria Design 2 ECP

30 ECP 30 ECP 30 ECP 30 ECP

* Placeholder for various modules

- Programs (bachelor / master) are design/studio-focused.

- Master = 2 year program

- 10-12 design projects / studios each semester with max. 18 students

The design projects (topics) vary from semester to semester, but it is secured that there are always 3-4 design projects in urban design.

- mostly seminars (groups of max. 15-20 students), very little lectures on master-level.

- Master-thesis is a design project and the students have to develop their own project.

- No specialized masterprogram

The focus areas:

- Urban design

- Integrated Building Technologies

- Design Research

- Computational Design
# Master of Science - Study Structure

- **SPO2021**

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* Wahlmöglichkeit aus verschiedenen Modulen mit unterschiedlichen Titeln
** Thematische Vordimensionierung zu den Studienfächern
Which courses are offered?

Presentation of the design projects of the Master’s program and of the 4th Bachelor semester:

You can inform yourself about all lectures, seminars and studios with the help of our homepage and our online university calendar.

The presentation of the studios and design topics take place in Zoom. There you will get general information and also information about the allocation of the courses.

The presentation of the Master design projects will be in Zoom on
  Tuesday, **06.04.2021** at **10.00** am

The presentation of the design projects Studio Context (Bachelor) will be in Zoom on
  Wednesday **07.04.2021** at **10.00** am
How do I choose my courses?

Courses / design projects:

After you have informed yourself about all lectures, seminars and studios/design projects you have to write an Email with your choice until April 07, 2021 at 02.00 pm to Silke Marx:
silke.marx@kit.edu

FAI-Erasmus-Office:
Building 20.40
R 139

Ms. Silke Marx

Email:
silke.marx@kit.edu

Telephone:
+49 721 608-42155
Department of Architecture

Information to the offered courses of the WS2020/21 you will find here:

http://www.arch.kit.edu/studium-und-lehre/lehrveranstaltungen.php

https://campus.studium.kit.edu/events/catalog.php?campus=all/field.asp?qguid=0x10DD939EB8F84C31B2C9B080A8F3E76
Where can I go, if I have problems with my courses?

First contact: If you have any problems with your courses during your stay please contact Ms. Silke Marx.

Building 20.40
FAi-Erasmusbüro R 139
silke.marx@kit.edu
+49 721 608-42155

FAi -International Coordinator
Dr. Judith Reeh

For general questions:

Office for Student Affairs - Department
Ute Hoffmann
Tel.: (0721) 608-43879
ute.hofmann@kit.edu
How do I get my Transcript of Records?

You can print out your Transcript of Records by yourself in our (online) “Studienportal”.

You will find a QR Code on the Transcript of Records. This shows the verification of the document.

IMPORTANT

If you need your “Transcript of Records” for a special deadline, please contact Ms. Silke Marx as soon as you know about it.

FAi-Erasmus- Office:
Building 20.40
R 139

Ms. Silke Marx
Email:
silke.marx@kit.edu

Telephone:
+49 721 608-42155
Dear Erasmus Students,

last but not least we have to inform you about special regulations concerning the Corona Pandemic.

Opening hours:
- The opening hours of the libraries, the workshops and the computer pools are limited and will be announced as soon as available

According to the Corona ordinances relevant to KIT, medical mask or FFP2 mask must be worn at KIT

- in all workplaces and on all KIT premises as well as on all walkways and in all aisles inside buildings, for example, at doorways and in other entrance areas, in passageways, corridors, stairways, sanitary facilities, pathways at events, in kitchenettes, break rooms, and other venues,

- in enclosed spaces intended for public, general public, or student use,

- for and during exams and courses on the way to seats and when seats have been taken,

- during practical courses (e.g., lab rotation projects) and exams and during admission procedures,

- during activities which, according to a supervisor’s risk assessment, involve specific risks,

- in the KIT shuttle, at the canteen at Campus North, and on the premises of the KIT Medical Services.
There is no obligation to wear a face mask during activities and at workplaces where, according to a risk assessment, there is no need to wear a face mask, as is usually the case when maintaining a minimum distance of 1.5 m from other persons.

As in public life, a medical mask or FFP2 mask must also be worn in the KIT Shuttle, at the canteen at Campus North, and on the premises of the KIT Medical Services. Please make sure to use FFP2 masks without exhalation valves. Since such valves are permeable to the exhaled air, such masks will not protect your fellow human beings and cannot be recognized as an adequate protective measure where wearing of a face mask is mandatory.

Read more at Recommendations of the Federal Institute for Drugs and Medical Devices:
https://www.bfarm.de/SharedDocs/Risikoinformationen/Medizinprodukte/DE/schutzmasken.html
We wish you a good study time in Karlsruhe!