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 a special semester ahead of us. Due to the corona crisis, like all teaching institutions worldwide, we are faced with the challenge of switching our teaching to online operation within a very short time.

The semester will start as planned on April 20, 2020. Until further notice, there will only be digital courses. The KIT departments and the central facilities and service units and last but not least the lecturers are currently doing everything to ensure that as many courses as possible can be carried out partially or entirely online in the summer semester.

Dear students, please don‘t come to classes or study on campus!

Not only the classroom teaching is canceled indefinitely, but also the numerous events that normally characterize life at our department. We will have to do without these events this upcoming semester. As soon as events are possible 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 closed until further notice.

The department staff can only be reached by email during the closure. The subsequent contacts and office hours apply again as soon as the closure is canceled.

We wish you a good start. Let’s make the best of it together in this situation!
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• Research

Introduction Master’s Program

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Department tour
Karlsruhe Institute of Technology (KIT)

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 Instituts of Technology (KIT)
Department of Architecture

**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
- 1000 Students – 800 Architecture Students
- 135 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

Institute for Architectural Design, Art and Theory (EKUT)
- SF Spatial Design
- SF Descriptive Geometry
- SF Building Design
- SF Architectural Design
- SF Visual Arts
- SF Theory of Architecture
- SF Communication of Architecture

Institute for Building Design and Technology (IEB)
- SF Building Construction
- SF Basics of Building Construction
- SF Building Construction Methodology
- SF Sustainable Building
- SF Building Lifecycle Management
- SF Structural Design
- SF Building Materials and Components
- SF Master Programme Building Restoration
- SF Building Technology
- SF Building Science and Technical Installation

Institute for Urban and Landscape Design (IESL)
- SF Urban Housing and Development
- SF International Urban Design
- SF Landscape Architecture
- SF Urban Living

Institute for History of Art and Architecture (IKB)
- SF Art History
- SF History of Building and Architecture
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. Dr. Georg Vrachliotis
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:
Morger & Partner
Basel, Switzerland
Department of Architecture
The Institutes – IEB

Institut
Entwerfen
und Bau-
technik
(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
Methodology

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

Prof. Matthias Pfeifer
TRAGKONSTRUKTIONEN
Structural Design

Annette 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
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
Department of Architecture
The Institutes – IESL

Prof. Markus Neppl
STADTQUARTIERS-PLANUNG
Urban Housing and Development

Prof. Dr. Barbara Engel
INTERNATIONALER STADTEBAU
International Urban Design

Prof. Henri Bava
LANDSCHAFTSARCHITEKTUR
Landscape Architecture

Prof. i.V. Christian Inderbitzin
STADT UND WOHNEN
Urban Living
Department of Architecture
The Institutes – 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

Institut Kunst- und Baugeschichte (IKB)

Prof. Dr. Oliver Jehle
KUNSTGESCHICHTE
Art History

Prof. Dr. Inge Hinterwaldner
KUNSTGESCHICHTE
Art History

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

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

→ http://www.arch.kit.edu/aktuelles/termine&neuigkeiten.php

Karlsruher Architekturvorträge and Kunstgeschichte. Vorträge am Donnerstag postponed - only again in winter term 2020

Reinschauen
Annual Exhibition / Open Doors of the Department
Unter Vorbehalt: mid-July 2020
Social Media

→ http://www.arch.kit.edu/aktuelles/in_verbindung_bleiben.php

Facebook Page of the Department
https://www.facebook.com/KIT.Architektur/

Facebook Group of the Department
https://www.facebook.com/groups/arch.kit.edu/

Facebook Page of the Fachschaft
https://www.facebook.com/FachschaftArchitekturKIT/

Instagram
@kitarchitektur
Department of Architecture
Impressions

Annual exhibition „Reinschauen“ in July
Impressions

Annual exhibition „Reinschauen“ in July
Impressions

Annual exhibition „Reinschauen“ in July
Impressions

REINSCHAUEN 2017

https://www.youtube.com/watch?v=2Z5VP7b6CeI
Department of Architecture
Publications

Online-Publications - BA / MA Thesis
http://www.arch.kit.edu/aktuelles/abschlussarbeiten.php

Yearbook 2019
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

more...
Central Services

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

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

more...
Central Services

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

Digital Workshop
11.40 Room S 105–108
more... Mr. Abraham

more...
Department of Architecture
Student Council

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 comissions and bodies of the department. Furthermore they help by general questions and organisational affairs for example events, celebrations and exhibitions.

http://www.fsarchkit.de/
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
Department of Architecture
Central Services

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. Dr. Georg Vrachliotis

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 and Building
- Sustainable Materials and Resources
- Digital Methods for the Built Environment
- Transformation of City and 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
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
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
Master of Science
Department of Architecture

General semester dates

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>20.04.2020</td>
<td>Start Lecture time</td>
</tr>
<tr>
<td>01.-31.05.2020</td>
<td>Registration for the exams</td>
</tr>
<tr>
<td>24.07.2020</td>
<td>End Lecture Time</td>
</tr>
<tr>
<td>27.07.-14.08.2020</td>
<td>Exam Period</td>
</tr>
<tr>
<td>01.07.-15.08.2020</td>
<td>Registration for the</td>
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<td></td>
<td>winter term 20/21</td>
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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
Department of Architecture

Master of Science - Study Structure

Exemplary Curriculum

<table>
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<tbody>
<tr>
<td>Design Project</td>
<td>Design Project</td>
<td>Design Project</td>
<td>Master's Thesis</td>
</tr>
<tr>
<td>Building</td>
<td>Urban Planning 1</td>
<td>Building Construction</td>
<td>or Urban Planning 2</td>
</tr>
<tr>
<td>Construction 1</td>
<td>12 CP</td>
<td>12 CP</td>
<td>12 CP</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Advanced Structural Design</th>
<th>Advanced Design Project Studies 1</th>
<th>Advanced Design Project Studies 2</th>
<th>Elective Module*</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 CP</td>
<td>4 CP</td>
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<td>4 CP</td>
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<thead>
<tr>
<th>Construction Technology*</th>
<th>History, Art and Theory*</th>
<th>Urban- and Landscape Planning*</th>
<th>Elective Module*</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 CP</td>
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<table>
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<th>Architectural Design*</th>
<th>Elective Module*</th>
<th>Elective Module*</th>
<th>Research Fields</th>
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<td>4 CP</td>
<td>4 CP</td>
<td>6 CP</td>
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</table>

<table>
<thead>
<tr>
<th>Interdisciplinary Qualifications*</th>
<th>Elective Module*</th>
<th>Impromptu Designs</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 CP</td>
<td>4 CP</td>
<td>2 CP</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Impromptu Designs</th>
<th>Impromptu Designs</th>
<th>30 CP</th>
<th>30 CP</th>
<th>30 CP</th>
<th>30 CP</th>
</tr>
</thead>
</table>

* 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
Presentation of the design projects of the master’s program

The presentation at the department of our lectures, seminars and studios is cancelled. Please inform yourself about all lectures, seminars and studios with the help of our homepage and our online university calendar.

There will also be Ilias Courses for the presentation of the studio and design topics. There you will get general information and also information about the allocation of the courses.

The presentation of the Master design projects will be available in Ilias from 14.04.2020 - 9:00 am to 16.04.2020 - 2:00 pm

https://ilias.studium.kit.edu/goto.php?target=crs_1102689&client_id=produktiv%20%E2%80%A8%E2%80%A8

You will find other links for the Ilias Courses on our homepage as soon as available.
How do I choose my courses?

Courses / design projects will be chosen online in the WIWI Portal:

Bachelor term:

The presentation for the design projects for Bachelor degree will be available in Ilias: 4th semester: 15.04.2020 from 10:00 am to 4:00 pm

-> If you are in the bachelor program, you will get the link and the password to these Ilias courses per email.

Registration time for Bachelor design projects 4th semester:
April 15, 2020 2pm – April 16, 2020 12am

Registration time elective subjects 6th semester:
1st round: April 15, 2020 10am – 4pm, 2nd round: April 16, 2020 10am – 4pm
3rd round: April 17, 2020 10am – 4pm

-> Every applicant can get one subject per round maxium. The remaining subjects go to the next round.
How do I choose my courses?

Master term:

You have to choose your Master design project in the WiWi Portal from 15.04. 10:00 am to 16.04.2020, 2:00 pm
-> https://portal.wiwi.kit.edu/ys/3601

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.

The registration for all other Master courses in the WiWi Portal is starting 15.04.2020, 10:00 am, Raffeling 16.04.2020, 10:00 am,
Closing date 16.04.2020, 10:00 am
-> 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 until Closing date.
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) “Studierenportal“.

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
We wish you a good study time in Karlsruhe!