

Architecture

Bachelor (B.Sc.)

KIT-Department of Architecture
Karlsruhe Institute of Technology

arch.kit.edu

KIT-DEPARTMENT OF ARCHITECTURE

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Germany

arch.kit.edu
open.arch.kit.edu
instagram.com/kitarchitektur
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For subject-specific questions on architectural studies, the KIT-Department of Architecture, and faculty visits

studienberatung@arch.kit.edu
+49 721 608-43879



For questions about student matters and student life at the faculty

KIT STUDENTS' UNION ARCHITECTURE

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For general questions regarding studies, organization of studies, application and admission as well as choosing one's field of study

Zentrale Studienberatung (ZSB)

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The Bachelor's Program

Degree	Bachelor of Science
Standard Period of Study	6 Semesters
Type of Study	Full-time study (counselling services available for students wanting to study part-time)
Teaching Language	German and English
Start	Winter Semester
Application deadline	July 15th each Year
Admission	by Selection Procedure (as a Rule)
Internship	no Prerequisite
Credits	180 Credit Points (CP)
Application Portal	sle.kit.edu/vorstudium/bewerbung.php

Requirements

The most important prerequisite for studying architecture is a fundamental enthusiasm for the design of spaces, things and places. Spatial imagination, technical understanding, readiness for action and manual dexterity facilitate the start of your studies. An interest in art and architectural history as well as theoretical and social issues is also beneficial. Ability to work under pressure and the willingness to work together are further basic requirements. In addition, a general qualification for university entrance or a comparable degree is required for application. The selection process takes into account general academic, subject-specific and other achievements.

An internship before the beginning and during the bachelor's program is not mandatory, but it is recommended.

Architecture at KIT

The bachelor's program in architecture at the KIT-Department of Architecture is broadly diversified and imparts basic knowledge as well as methodological skills for the manifold requirements associated with the design and planning of rooms, buildings, and cities. Each semester, the focus is on a design project that is worked on in the studios. Depending on the task at hand, in addition to artistic design, questions of construction, planning, business administration, project management, urban design, urban planning, building technology or sociology and architectural theory may be important study foci. In addition, knowledge and qualifications for further studies and later employment are imparted in compulsory as well as advanced modules. **The Bachelor of Science (B.Sc.)** degree qualifies students to work in all areas of planning and construction. Like most bachelor's degrees in architecture, it does not yet meet the criteria of the Chambers of Architects and the Union International d'Architecture to be able to work as an architect. The bachelor's program is the first stage of a complete course of study consisting of a bachelor's and master's degree.

Job Description

The profession of modern architects is associated with a high degree of responsibility, both towards the client and towards society. As a cultural practice, architecture is closely linked to social, technological and economic developments. Due to the diversity of the discipline, it combines the humanities, social and natural sciences as well as fields of technology and art. The course of study is geared towards comprehensive knowledge, with the aim of educating creative and critically thinking personalities and enabling them to work on complex tasks in an interdisciplinary manner.

Studying Architecture at KIT

Due to the wide range of subject areas, the intensive supervision by the teaching staff, and the strong integration of students into the faculty, the KIT-Department of Architecture offers excellent conditions for successfully completing the university's bachelor's program.

TEACHING AND RESEARCH

- ↪ intensive personal support by teachers with both a national and international reputation
- ↪ a very practice-oriented basic education with excursions, design and construction projects up to a scale of 1:1
- ↪ integration of students into research projects of all disciplines on offer
- ↪ own course of studies in Art History and the resulting additional teaching offers thereby available

EQUIPMENT AND FACILITIES

- ↪ drawing workstations for all bachelor students in spacious studios
- ↪ large offer of well-equipped and supervised study workshops
- ↪ comprehensive equipment rental for model making
- ↪ extensive and specialized architecture library
- ↪ materials library with a collection focus on sustainable building materials
- ↪ print and plot room available around the clock (plot pool)
- ↪ Southwest German Archive for Architecture and Civil Engineering (saai)
- ↪ Networking with numerous cultural institutions in the region

SERVICE

- ↪ academic advice
- ↪ orientation week and mentoring program at the beginning of one's studies
- ↪ introductory and orientation events at the beginning of the semesters
- ↪ intensive consulting services on the possibilities of studying abroad
- ↪ IT Support
- ↪ Events for career entry together with the Chamber of Architects

FACTULTY LIFE

- ↪ numerous lecture series, exhibitions, symposia and events
- ↪ the annual exhibition Reinschauen in July
- ↪ active professional staff

Study Plan

1st Semester → 30 CP

Studio Space	10 CP
Basics of Design Theory	4 CP
Artistic and Sculptural Design	4 CP
Building Materials Science	4 CP
Architectural Geometry	4 CP
Basics of Theory of Architecture	4 CP/OE

2st Semester → 30 CP

Studio Structure	10 CP/OE
Basics of Building Construction	4 CP
Static and Strength of Materials	4 CP
Building Physics	4 CP/OE
Integrative Digital Methods	4 CP
History of Architecture and Urban Planning	4 CP

3st Semester → 30 CP

Studio Material	10 CP
Building Construction	4 CP
Structural Design	4 CP
Building Services	4 CP
Explorative Digital Methods	4 CP
History of Architecture and Urban Planning, Urban Development	4 CP

4st Semester → 30 CP

Studio Context	10 CP
Basics of Urban Planning	4 CP
Basics of Building Studies and Design	4 CP
Law for Architects and Construction Planning Law	4 CP
Communication of Architecture and Scientific Methodology	4 CP
History of Architecture and Urban Planning, Building Survey	4 CP

5st Semester → 30 CP

Studio System	12 CP
Spezialization Studio	2 CP
Sustainability	2 CP
Interdisciplinary Qualifications	2 CP
Construction Economics and Project Management	4 CP
Elective Module*	4 CP
Basics of Art History	4 CP

6st Semester → 30 CP

Bachelor's Thesis	12 CP
Spezialization Bachelor's Thesis	2 CP
Interdisciplinary Qualifications	4 CP
Elective Module*	4 CP
Elective Module*	4 CP
Seminar Week	4 CP

* Placeholder for various modules
July 2024