“DEMOCRATIC CONSTRUCTIONS”
A Self-Construction Project of the IBK in the Stuttgart Stadtgarten 2023.

At the Chair of Sustainability, Building Construction and Design (IBK/Prof. Ludloff), students obtain an introduction to the world of (building-) construction during their first two semesters of study. In the knowledge of historical and current building materials and their joining techniques – the “substance of the city” – it becomes more and more apparent that there is a need for a fundamentally new cultural understanding and technique that faces the finiteness of our planet’s resources in an up-to-date way.

As part of the IBA’27 Festival 2023, students built a “Place of Democracy” in Stuttgart’s Stadtgarten. This 40-meter-long test site, created with the simplest of means from roof battens, shows where architecture begins that conceives itself as part of urban society.

»ARCHITECTURE & URBAN PLANNING«
AT THE UNIVERSITY OF STUTTGART

Of all the arts architecture and urban planning are the most public. Urban planners and architects have the complex and responsible task of designing a built environment which incorporates beauty and diversity to create a liveable future. They respond to economic, social and technical change, developing visions and plans for the world of tomorrow. Their point of departure is existing building stock; their objective is to find viable solutions which take account of all the parameters.

The creative design process is at the heart of this study program. Students are taught a wide spectrum of subjects: construction, urban design and planning, presentation and design, principles of building technology, architecture/planning history and theory, and social and economic principles.
THE FACULTY

The study of architecture in Stuttgart goes back to the 19th century. In the early 20th century the »Stuttgart School« established new standards in both innovative and conventional building. After the Faculty was re-established in 1946 this heritage was revived and realigned to explore and pursue modern developments in architecture.

Stuttgart has one of the biggest and most prestigious faculties of architecture in Germany. 16 institutes, headed by prominent experts in their field, supported by a broad-based team of academics, teaching staff, visiting lecturers and guests. The Faculty provides its students with a wide spectrum of teaching with the distinctive combination of architecture and urban planning.

FACILITIES

From day one students work in small groups in workshops under the individual supervision of experienced architects. This form of study perfectly complements the teaching provided in lectures, seminars and requires students to play an active role in projects.

All students are free to use:

- the Faculty library, which has a huge selection of journals and current literature
- the »casino IT« computer pool with fully equipped computer work stations, lending facilities, training/tutorials, experimental lab, virtual reality system, virtual acoustics and plot service.
- the Faculty workshops for analogue and digital construction of architectural models, wood and metal construction, sculpturing and photography and the »RoboLab« for producing computergenerated prototypes and materials systems.
The architecture and urban planning study program generally leads to a Master’s degree. This allows to further the studies in the frame of a doctoral research. It also allows the holder to be admitted to the Chamber of German Architects, an essential requirement to practice as an architect or urban planner. Students aspiring to a career as an independent architect or urban planner must apply to the master’s program. A faculty commission will decide whether the applicant has the necessary subject-specific qualification on the basis of the documents submitted with the application. The final element of the master’s program consists of the master’s thesis, which is generally completed in the fourth semester. In their master’s thesis, students must demonstrate their ability to provide solutions within a creative design process. The basis for this will be broad-based discussion of aesthetic concepts, technical innovation and the significance of ecological and economic issues and will be laid during the first three semesters in projects and seminars to be selected by the students themselves. Students are also required to carry out one project and take one seminar in a field which has relevance to that of their master’s thesis.

Applicants to the master’s program must have a bachelor’s degree from a university or institute of higher education. Experience abroad is also desirable; this is expressly promoted through the Bachelor [International+] at the Faculty of Architecture and Urban Planning in Stuttgart. Decisions on admissions to the bachelor’s degree program will be taken by a faculty commission on the basis of the application. The first two years consist largely of lectures and exercises which will give students a sound basis for subsequent semesters. In the frame of first design projects, they will also begin to acquire skills in developing solutions to complex tasks. The third year consists of largely autonomous project-based study, in fields chosen by the student. At this comparatively early stage, students can thus pursue lines of study which match their own interests and skills and which can be reflected in their choice of subject for the bachelor dissertation.
INTERNATIONALITY

The prospects in the occupational field of architecture and urban planning is increasingly characterized through the evidence of international and intercultural competences. The Faculty actively encourages students to spend a semester at one of over 100 partner universities abroad. This can be incorporated into the student’s individual course of study. Moreover, the faculty awards the certificate Bachelor [International+] in addition to the Bachelor’s certificate to students that have conducted a design studio in the international context and studied or worked abroad during their studies.

URBAN PLANNING SPECIALIZATION

Students can select urban design/planning as their special field within the master’s program, if they wish to pursue a career in that field. This is an essential requirement for inclusion in the register of urban planners at the chamber of architects.

IREM M.Sc. »INDUSTRIAL REAL ESTATE MANAGEMENT«

The IREM masters program (M.Sc.) is a four-semester postgraduate master’s program. It tackles the complex planning and building challenges associated with the operation and commercial use of industrial and healthcare real estate. It is designed to meet the needs of graduates of construction-related study programs who have already gained some experience in their fields and will prepare them for leadership roles in an international environment.

HREM M.Sc. »HEALTHCARE REAL ESTATE MANAGEMENT«

The HREM masters program (M.Sc.) is the ideal platform for exploring the complexity and manifold facets of healthcare real estate, notably functional, technical and practical aspects. The teaching staff are acknowledged experts in their disciplines, also giving students insight into the practical application of the teaching content.

ITECH M.Sc. »INTEGRATIVE TECHNOLOGIES & ARCHITECTURAL DESIGN RESEARCH«

The ITECH masters program (M.Sc.) focuses on the science and research into new drafting methods and technologies. It is designed to appeal to architects, engineers and scientists (B.Sc.) who wish to work in a multidisciplinary international research environment.

IUSD M.Sc. »INTEGRATED URBANISM AND SUSTAINABLE DESIGN«

The IUSD masters program (M.Sc.) enables students to specialise in international urban planning. It seeks to train experts and decision-makers who will be involved in developing holistic solutions for the ecological, cultural and social problems caused by the rapid urbanization processes and social transformations globally.

RESEARCH

The Stuttgart Faculty has a long tradition of research. Building on fundamental research in architectural and urban history, current research addresses the structures and manifestations of societies, urban and natural environments and how they interact frequently in the context of interdisciplinary and international collaboration. Master’s graduates can continue an academic career and go on to acquire a doctorate in engineering sciences (Dr.-Ing.) and a doctorate in philosophy (Dr.-Phil.).

For any further information and dates please visit our website: www.f01.uni-stuttgart.de/en
INSTITUTES

IFAG Institute of Architectural History
www.ifag.uni-stuttgart.de
N.N.

IBK Institute of Building Construction, Sustainability, Construction and Design
www.ibk.uni-stuttgart.de/ibk
Prof. Dipl.-Ing. Jens Ludloff
Chair Innovation in Timber Construction
www.ibk.uni-stuttgart.de/ibk
Visiting Professor Dipl.-Ing. Søren Linhart

IBK Institute of Building Construction, Building Technology and Design
www.ibk.uni-stuttgart.de/ibk2
Prof. Dipl.-Ing. Martin Ostermann

bAUoeck Institute of Construction Economics
www.bauoeck.uni-stuttgart.de
Prof. Dr. sc. tech. Christian Stoy

IBBTE Institute of Building Materials, Building Physics, Building Systems and Design
www.ibbte.uni-stuttgart.de
N.N.
Prof. Dipl.-Ing. Jürgen Schreiber

ICD Institute for Computational Design and Construction
www.icd.uni-stuttgart.de
Prof. AA Dipl. (Hons.) Achim Menges
Chair Architectural Computing
www.icd.uni-stuttgart.de
Jun.- Prof. Thomas Wortmann

IDG Institute of Arts
www.idg.uni-stuttgart.de
Prof. Sybil Kohl

IEK Institute of Design and Construction
www.iek.uni-stuttgart.de
Prof. Dipl.-Ing. Martina Bauer

IGMA Institute for Principles of Modern Architecture
www.igma.uni-stuttgart.de
Prof. Dr. phil. Stephan Trüby

IRGE Institute of Spatial Conception and Principles of Design
www.irge.uni-stuttgart.de
Prof. Dipl.-Ing. Markus Allmann
Chair Building Theory and Design
www.irge.uni-stuttgart.de/gen
Prof. Sonja Nagel

ILPÖ Institute of Landscaping, Planning and Ecology
www.ilpoe.uni-stuttgart.de
Prof. Dr. Leonie Fischer

IÖB Institute of Public Buildings and Design
www.ioeb.uni-stuttgart.de
Prof. Dipl.-Ing. Alexander Schwarz

ITKE Institute of Building Structures and Structural Design
www.itke.uni-stuttgart.de
Prof. Dr.-Ing. Jan Knippers
Chair Innovation in Timber Construction
www.itke.uni-stuttgart.de
Visiting Professor Dr.-Ing. Thomas Ehrhart

IWE Institute of Housing and Design
www.iwe.uni-stuttgart.de
Prof. Dott. Piero Bruno
Chair Sociology of Architecture and Housing
www.iwe.uni-stuttgart.de/lehrstuhl-architektur-und-wohnsoziologie/
Prof. Dr. phil. habil. Christine Hannemann

I-SUE Chair Urban Planning and Design
www.sue.uni-stuttgart.de
Prof. Dr.-Ing. Martina Baum

SI-IU Chair International Urbanism
www.international-urbanism.de
Prof. Dr.-Ing. Astrid Ley

SI-FG Chair Open Space Design
www.stadtland.studio
Prof. Dipl.-Ing. Ulrike Böhm

SI-TMS Chair of Planning Theory and Practice
www.si.uni-stuttgart.de/tms/
Prof. Dr. Laura Calbet Elias

CO-OPTED OF FACULTY 02

IREUS Institute of Spatial and Regional Planning
www.ireus.uni-stuttgart.de
Prof. Dr.-Ing. habil. Jörn Birkmann

ILEK Institute of Lightweight, Structures and Conceptual Design
www.ilek.uni-stuttgart.de
Prof. Dr.-Ing. M.Arch. Lucio Blandini