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# Architecture and Urbanism

Architektur Urbanistik MediaArchitecture European Urban Studies Integrated Urban Development and Design

# Bauhaus-Universität Weimar

Architecture and Urbanism, Civil Engineering, Art and Design, and Media – the Bauhaus-Universität Weimar's four faculties give it a profile that is unique in Germany. We shape the future, transcending the boundaries of individual disciplines. The term >Bauhaus< stands for openness, creativity and a drive to experiment. This self-image shines through in research, art and teaching as well as in 200 collaborations with partner universities all over the world. Its story began in 1860 as the Grand Ducal Art School.

### Studying at the Founding Site of the Bauhaus

The State Bauhaus, the most influential design school of the twentieth century, was founded in 1919 in what is now the Main Building of the university. Outstanding individuals from various fields and countries have revolutionised education together with students.

Since 1996, the name of the Bauhaus-Universität Weimar has been a part of this history. The university is an international institution located in the cultural city of Weimar. Inspired by this legacy, over 4.000 students in 40 degree programmes are searching for and finding answers to central questions of society, technology, science, art and culture.

# Welcome to the Faculty of Architecture and Urbanism

With its twin disciplines of Architektur (Architecture) and Urbanistik (Urbanism), the Faculty guarantees a well-rounded university education. The Bauhaus-Universität Weimar is a universal space for thought and experimentation. By tackling issues relating to the spatial and built environment, the university establishes close links between architecture and urban planning, resulting in its unique modern profile.

- > 2 Bachelor's degree programmes
- > 5 Master's degree programmes
- > 2 Double degree programmes
- > 5 Junior and senior professorships
- > 22 Professors
- > 80 International partner universities
- > Bridge professorships
- > 1000 Students on average
- > 70 Countries
- > 200 Doctoral students
- > 3 Institutes

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We provide the skills and abilities needed for creative, independent design and academic research. We also teach and deepen planning knowledge, skills and methods that open up numerous, multifaceted career opportunities. The Faculty works closely with planning professionals, architectural firms, cultural institutions, businesses and administration offices. The international network of over 80 partner universities promotes student exchanges as well as teaching mobility.

The Faculty's main campus is located in the van de Velde Building, which is a designated UNESCO World Heritage Site. The building is home to numerous seminar rooms and ateliers for the Faculty's students.

# Overview of degree programmes

Both the Architektur (Architecture) and Urbanistik (Urbanism) Bachelor degree programmes provide a solid foundation for starting a professional career. The five Master degree programmes reflect the various modern fields of professional work and research.

Architectural studies focus on a research-oriented design and project-based course of study, with real design tasks and experimentation as the key building blocks. The core of practice-oriented, interdisciplinary and academic degree programmes in urban studies is planning projects and engaging in critical reflection on these projects, tackling urban planning issues through to regional, state, national, and international planning levels.

Architektur — Bachelor of Science (6 semesters, professional), Master of Science (4 semesters, official professional) Urbanistik — Bachelor of Science (8 semesters, professional), Master of Science (2 semesters) MediaArchitecture — Master of Science (4 semesters) European Urban Studies — Master of Science (4 semesters) Integrated Urban Development and Design — Master of Science (4 semesters)

#### What does >professional< mean?

A professional degree allows the holder to work as an architect, but not to use the protected professional title. They can take advantage of voluntary temporary membership of the Chamber of Architects.

#### What does >official professional < mean?

An official professional degree meets the federal >Chamber of Architects< requirements for using the professional title of architect or urban planner after a subsequent period of professional practice, generally two years.

# Study programmes Bachelor's and Master's in Architektur (Architecture)

The cumulative Architektur degree programmes teach design-oriented practice and academic reflection. Experimental and interdisciplinary thought and action are the key components of these programmes. The aim is to prepare students for careers in architecture, provide fundamental and specific key skills in design, promote independent planning and encourage problem awareness via unconventional food for thought.

### Bachelor's in Architektur (Architecture) Bachelor of Science

The Bachelor's in Architektur degree programme covers a broad range of specialist areas, split into »core modules«: design, construction, technical, theoretical, urban design, historical, sociological and methodological aspects incorporated into complex design in a project-oriented approach. This strong design orientation is a particular feature of architectural studies in Weimar: practical tasks and interdisciplinary experiments form the foundation for challenging and innovative ideas that students develop with the help of close supervision from professors and research staff. Excursions enhance the study programme and encourage students to examine built architecture. The third year of study includes a stay abroad at a partner university or an internship at home or abroad. Work on research-related topics within the design projects prepares students for the scientific and research-oriented Master's programmes.

In their final project (Bachelor's thesis), students independently complete a project that can either consist of a design project or a theoretical or scientific analysis of a topic. After the standard study period of six semesters, successful graduates are awarded the academic title of »Bachelor of Science« (B.Sc.).

### Master's in Architektur (Architecture) Master of Science

The degree Master' programme comprises design projects, lectures and seminars in addition to a final project, (Master's thesis). It is divided into two sets of modules: The design and project-oriented coursework is mostly done in »project modules«, which consist of current design topics and accompanying design-related courses. They are ideally offered as interdisciplinary courses. The second set of modules comprises courses imparting in-depth theoretical, historical, technical, constructional and design expertise. Students can choose compulsory, compulsory elective and elective modules from a wide variety of courses.

Combined with practical professional experience (generally two years), the academic title of »Master of Science« (M. Sc.) qualifies graduates to join the Chamber of Architects' list of architects and to use the professional title of »architect«.

Graduates are also able establish themselves as architects anywhere in Europe.

The complex training and varied training provided in the consecutive Master's degree in Architektur also provides graduates with the opportunity to obtain additional academic qualifications, such as a Ph.D.or doctoral degree.

# Study programmes Bachelor's and Master's in Urbanistik (Urban Planning)

In addition to a focus on urban and regional development, the Urbanistik programmes offer various educational opportunities: a Bachelor's programme, a German-taught Master's programme, two international Master's programmes and an international doctoral programme.

Students acquire scientific knowledge that enables them to engage on a variety of levels – starting with buildings themselves and extending to the urban, regional, national and international levels. This includes the ability to recognise and assess urban design and social aspects and qualities, as well as the ability to develop appropriate solutions.

### Bachelor's in Urbanistik (Urban Planning) Bachelor of Science

The aim of the eight-semester Bachelor's degree programme is to provide fundamental planning skills. A key feature of the programme is the integration of research.

This project-based programme places strong emphasis on social and planning sciences as well as the structural and spatial skills that urban planners need. In addition to the planning project, students acquire fundamental social, design-related, planning policy, environmental, economic and technical knowledge in the accompanying compulsory, compulsory elective and elective modules. The programme has an interdisciplinary structure. Students receive intensive support from professorships in Urban Planning, Spatial Planning and Spatial Research, Conservation and History of Architecture, Urban Studies and Social Research, Landscape Planning, Architektur, Urban Design and Traffic Planning. The fifth or sixth semester is spent at a partner university abroad; this is followed in the sixth semester by a semester or internship abroad. In addition, a nine-week professionally oriented internship must be completed in Germany before applying for the final project.

After completion and successful defence of the final project (Bachelor's thesis), the Faculty of Architecture and Urbanism awards the academic title of »Bachelor of Science« (B. Sc.), which serves as an official professional qualification and enables the holder to join the Chamber of Architects as an urban planner after completing the required period of professional practice.

### Master's in Urbanistik (Urban Planning) Master of Science

The German-taught Master's degree programme is research-oriented and builds on the foundations of existing skills to offer scientifically substantiated ways of examining urban development, urban development policy and spatial planning. The degree programme focusses on examining spaces and planning, designing and developing cities.

The main areas covered in the programme are: Urban planning, spatial planning and research, urban studies and social research, conservation and history of architecture, urban design, architectural theory, and landscape architecture and planning.

After completing the final project (Master's thesis) and the degree in two semesters (standard study period) or four semesters, the Faculty of Architecture and Urbanism awards the academic title of »Master of Science« (M. Sc.).

The degree imparts academic skills and research methods that prepare young researchers for a Ph.D.

# Interdisciplinary degree programmes

### Master MediaArchitecture, Master of Science with the »International MediaArchitecture Master Studies« programme

The four-semester consecutive Master's degree programme provides sound advanced qualification for media-related and architecture-related professions by combining both disciplines. It is also an experimental field, a kind of laboratory in which new meeting places are created for joint research and new fields of application expressed in forms that transcend disciplinary boundaries. The »project module« forms the programme's core, which is supported by intensive supervision with an experimental character and enables students to develop exemplary solutions to as yet unsolved issues. The main areas covered during the degree programme include: Digital planning and presentation techniques, computer graphics and architectural visualisation, architecture and media, architecture and image theory, cultural techniques in architecture, scenography, computer-based interdisciplinary work and interface design.

Coursework is completed in interdisciplinary project groups. This enables learning beyond disciplinary boundaries and fosters students' ability to work within an interdisciplinary team.

After completing and defending their final project (Master's thesis), the Faculty of Architecture and Urbanism awards students the academic degree of »Master of Science« (B.Sc.).

You can also choose the integrated »International MediaArchitecture Master Studies« degree programme with a dual degree in cooperation with the University of Buffalo (USA).

### Master's degree in European Urban Studies Master of Science

In the English-taught Master's degree programme in European Urban Studies, students take an academic look at space and cities and how to plan, design and develop them. The aim of the degree programme is to impart internationally-oriented urban research knowledge.

The »Guided Research Project« is the focal point of the degree programme: This project includes international research visits that give students the opportunity to carry out independent academic research in a global context.

The standard study period for the Master's degree programme is four semesters, which includes a final project (Master's thesis) and an oral examination. Successful graduates are awarded the title of »Master of Science« (M.Sc.).

The degree imparts academic skills and research methods that prepare young researchers for a Ph.D.



### Master's in Integrated Urban Development and Design (Master of Science) with the »Reflective Urban Practice« programme or the »Advanced Urbanism« double degree programme

Interdisciplinary work at the interface between sustainable urban development and global transformation processes forms the core of the four-semester international Master's degree in »Integrated Urban Development and Design«. The aim of this consecutive, practice-oriented degree programme is to train locally and internationally active »curators of urban space« wishing to work in international, interdisciplinary urban development.

The degree programme expands upon the professional and methodological skills previously acquired for an international practice-oriented application. Focus is placed on putting theoretically based knowledge into practice (in particular via international model projects in the third semester of the »Reflective Urban Practice« degree programme) and on reflection and planning in intercultural contexts (in particular in the »Advanced Urbanism« double degree programme).

After completing and defending the final project (Master's thesis), the Faculty of Architecture and Urbanism awards graduates the academic degree of »Master of Science« (M.Sc.). In the double degree programme, the partner university awards an equivalent degree.

# Selection procedure at the Faculty

The faculty has a selection procedure for admission to the Architektur and Urbanistik degree programmes designed to ascertain the applicant's aptitude for the subject. It is designed to ensure that all future students have the skills and abilities required for the course of study.

In the Bachelor's of Architektur, a two-stage aptitude test examines creative and drawing skills, constructional insight and spatial imagination.

Understanding and spatial imagination. After submitting an assignment, applicants are generally invited to Weimar for a personal interview and a drawing test. For the Bachelor's in Urbanistik, prospective students undergo an aptitude test to demonstrate that they are able to tackle social and spatial questions. They will also be interviewed about their motivations and prior practical professional knowledge.

In the Master's in Architektur and the Master's in MediaArchitecture, the Faculty examines previous work (portfolio) and also practical professional experience. For the Master's in Urbanistik, applicants must submit an essay on an urban planning or urban research related topic in addition to documentation of previous work. Applicants to the Master's in Integrated Urban Development and Design are invited to submit a portfolio that demonstrates specialist knowledge, practical experience, and reflective and analytical thinking in the field of spatial science. Applicants to the Master Degree Programmes in European Urban Studies are also welcome to demonstrate their knowledge of spatial science by submitting an essay, scientific article and/or project portfolio.

Application deadlines vary among programmes and fall between 15 May and 16 July of the relevant year. Matriculation is in the winter semester.

# Glossary

#### Module

Modules provide subject-specific instructional content in a variety of formats such as lectures, seminars, projects or drafts. They include one or more classes and are generally completed over a single semester. They are split into the following:

- > Compulsory modules, which must be completed
- > Compulsory elective modules, which can be selected from within a particular subject area
- > Elective modules, which can be freely chosen from the range available within the student's own faculty, other faculties at the Bauhaus-Universität Weimar, or other universities.

#### Architectural studies differentiate between core modules and project modules

- > Core modules are compulsory modules in the Bachelor of Architektur programme and involve project-based work on complex designs
- > Project modules are compulsory modules in the Master of Architektur programme and consist of a design topic and accompanying classes that cover relevant content

#### Project

Projects are teaching units in which students take an intensive look at a specific topic and find new approaches and solutions to a particular issue by independently developing content. Professors and research staff provide intensive supervision. The Faculty offers design projects (in the Architektur and MediaArchitecture programmes) as well as planning projects, study projects and interdisciplinary research projects (e.g. in the Urbanistik programme).

#### Draft

When creating a draft, students tackle the architectural development of a building or structure taking various framework conditions into account. The result – the draft – is documented through drawings and models, and sometimes also in written form.

# Institutes at the Faculty of Architecture and Urbanism

The challenge of developing sustainable architecture, cities, and landscapes shape the work carried out at the Faculty. The research focus of »Planning.Construction.Heritage« combines research on heritage, housing, sustainability, socio-ecological transformation and digital transformation.

These topics form the focus of the three institutes within the Faculty: the »Institute for European Urban Studies« (IfEU), the Bauhaus Institute for History and Theory of Architecture and Planning« and the »Bauhaus Institute for Experimental Architecture« (bauhaus.ifex). The institutes cooperate in various ways with partner institutions. Research projects are also carried out in together with the International Heritage Centre (IHZ), which coordinates interdisciplinary heritage research, teaching and outreach.

Current and past Ph.D. projects reflect the complex and comprehensive spectrum of academic areas within the Faculty of Architecture and Urbanism. The Bauhaus-Universität Weimar awards the academic degrees of Doctor of Engineering (Dr.-Ing.), Doctor of Philosophy (Dr. phil.), Doctor of Engineering, honoris causa (Dr.-Ing. h.c.) and Doctor of Philosophy, honoris causa (Dr. phil. h.c.).

In an international context, there is an ongoing collaboration with the Ethiopian Institute of Architecture, Building Construction and City Development at the »Emerging City Lab.Addis Ababa« (a collaboration funded by the German Academic Exchange Service that has been running for several years), devoted to examining the context of dynamic processes of change on the African continent.

# Doctoral studies at the faculty

The Bauhaus-Universität Weimar's Faculty of Architecture and Urbanism and its three institutes have become a key location for research in architecture and urbanism. Current and past Ph.D. projects reflect the complex and comprehensive spectrum of academic areas within the Faculty of Architecture and Urbanism.

The Bauhaus-Universität Weimar's Faculty of Architecture and Urbanism awards the academic titles of >Doktor-Ingenieur (Dr.-Ing.), >Doctor philosophiae (Dr. phil.), >Doktor-Ingenieur honoris causa (Dr.-Ing.h.c.) and >Doctor philosophiae honoris causa (Dr. phil.h.c.).

In addition to a traditional doctoral degree, students can also pursue research interests and academic qualification via the international Ph.D. programme in >Europäische Urbanistik‹ (IPP-EU). This programme specialises in >Urban Housing‹ issues relating to urban design, urban planning, urban sociology, and landscape planning. The programme is funded by the German Academic Exchange Service (DAAD) as part of the Graduate School Scholarship Programme, and awards scholarships.



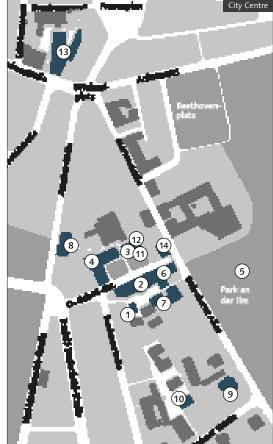
# Workshops

Workshops are a key part of the faculty's study concept. In the workshops, students implement their ideas and designs by using analogue and digital tools to create models on various scales. Students work independently with the support of experienced specialists.

- > Experimental photo workshops
- > Model-making workshops
- > Light laboratory
- > Sculpture workshop

# University Town of Weimar

Despite its small size and story book charm, Weimar is not just a sleepy provincial nest. Whether you are looking for art and culture, a thriving food scene, or exciting night life – Weimar has more to offer than just Goethe, Schiller, and the Bauhaus. All this and more can be found in Weimar's city centre, where nothing is more than a ten-minute walk away. The more than 20 museums, four cinemas, the German National Theatre, numerous cabaret stages, in addition to students clubs and concert venues speak for themselves.



#### General

- 1 Bauhaus.Atelier | Info Shop Café Geschwister-Scholl-Straße 6 a
- 2 Main Building\* Geschwister-Scholl-Straße 8
- 3 Campus.Office
- Geschwister-Scholl-Straße 15
- 4 Van de Velde Building\* Geschwister-Scholl-Straße 7
- 5 Ilm Park\*

#### \* UNESCO World Heritage Site

#### Faculty Buildings (selection)

- 6 Dean's Office, Studios, Classrooms Geschwister-Scholl-Straße 8
- 7 Media computer pool, model-making workshops, Belvederer Allee 1a/b
- 8 Experimental workshops Architecture Amalienstraße 13
- 9 Institute for European Urban Studies Belvederer Allee 5
- 10 bauhaus.ifex
- Bauhausstraße 9c

#### Departments (selection)

11 Office of Student and Academic Affairs (DSL), International Office (DIB), Campus.Office Geschwister-Scholl-Straße 15

#### Central University Faculties (selection)

- 12 General Advising, Career Service
  - Geschwister-Scholl-Straße 15
- 13 University Library (UB), Audimax, Steubenstraße 6
- 14 Students House M18
  - Marienstraße 18

# EINBLICK.Bauhaus

#### Orientation evening for prospective students and their parents

Learn all about course offerings, housing and financial options, and other important factors right on site. uni-weimar.de/orientierungsabend

#### Hochschulinformationstag (Open Campus Day) for Bachelor and Master study programmes

Learn about our university, its workshops, lecture halls, and labs. Get answers to your questions about individual study programmes, study organization, and the social aspects of studying here. uni-weimar.de/hit

#### summaery – The annual exhibition at the Bauhaus-Universität Weimar

Our annual exhibition shows off student projects and transforms the city of Weimar into a living stage for four days. Second weekend in July: uni-weimar.de/summaery

#### Schnupperstudium (Course Sampler) - Test out studying

How do things work at the university? What can I study? How much does it cost? Where can I live? There are so many questions at the beginning. Our recommendation? Come and sample it! uni-weimar.de/schnupperstudium

#### In.Sight Master

Try out the Master's programme. Experience our »In.Sight Master« programme and see what student and campus life are really like. Discover the topics hidden behind course titles. Mid May: uni-weimar.de/insightmaster

#### Bauhaus.Botschafter

Students from various disciplines provide answers to questions about their own study programmes, offer guided tours, workshops, and publish news about studying in Weimar via Facebook and blogspot. bauhausbotschafter.com

### **Contact and General Academic Advising**

#### **General Academic Advising**

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