Department of Computer Science

Sharing our future is falling more and more into the hands of those who face the challenges and needs of digital media in a networked knowledge and information society. Do not become a spectator to technological developments, but become an expert! In the Bachelor of Science Informatics (Informatics) curriculum, you will be introduced to current computer science research in the fields of interface design and creating interactive systems, as well as learning the principles of psychology and design theory. In the Master’s program, you will have an opportunity to undertake interdisciplinary projects with famous companies, enabling you to shape your career and study to suit your own interests.

In addition to mathematical, technological and analytical skills, you will also learn how to react flexibly to changes in a working environment driven by innovation, discover knowledge gaps and close them yourself – which is exactly what the modern professional world is looking for.

Human-Computer Interaction

In the English taught Master's degree program in Human-Computer Interaction, taking both a scientific and a practical perspective, you will tackle current computer science research in the fields of interface design and creating interactive systems, as well as learning the principles of psychology and design theory. In this Master’s degree program with a technical and design focus, you will also have the opportunity to undertake interdisciplinary projects and courses from other fields such as media art and design, media studies, management, architecture, product design and visual communication.

Digital Engineering

The English taught Master's degree program in Digital Engineering combines specialist expertise from the fields of civil engineering and media and computer science. This degree is aimed at graduates who have an initial professional university degree in civil engineering, mechanical engineering or applied computer science and who want further training in another field. This degree will prepare you for the ongoing digitalization of design, manufacturing and usage processes used in industry 4.0.

And after graduation? After graduation you will be able to work in project-based functions in the media and computer science sector.

Computer Science for Digital Media

In the English taught Master’s degree program in Computer Science for Digital Media, you will be introduced to the current knowledge and research in the field of interactive digital media. The program covers the following topics: media cognition, data mining, information retrieval, machine learning, social analytics, interaction, multimedia modeling, human-computer interactions, mobile media, usability, virtual reality, computer graphics, computer vision and visualization.

And after graduation? The graduates of this program will be qualified for research and development departments of companies in the automotive, telecommunication, software, gaming and interactive industries, as well as at academic institutions in Germany and abroad.

Student projects are a key part of Master’s degree programs in the Computer Science department. Students work in small groups to develop applied hardware and software solutions, and thus boost their scientific communication and presentation skills as well as their ability to express their results in written form – all of which will prove essential for their future careers.

Department of Media Studies

Weimar’s Media Studies department is one of Germany’s leading locations for media research, providing key methodologies for international research activities. Our research programmes have won national and international prizes and are ready to shape the future of social and cultural change. With its focus on the field of economics, the programme creates cross-refences to Media Studies and promotes interdisciplinary and innovative action.

Medienkultur (Media Culture)

Bachelor of Arts

The Medienkultur programme in Weimar offers particularly broad access to its subject matter. In addition to traditional mass media and communication media, we examine media transitions and interfaces, including work with other academic fields such as sociology, philosophy, the history of science, and cultural technologies research. You can extensively shape your programme yourself thanks to the three specializations of media studies, cultural studies and media economics. The Faculty work closely together to pursue your own interests and research projects as part of the course.

And after graduation? Depending on the focus taken by your Bachelor’s degree, you could complete a Master’s degree in the fields of media studies, cultural studies or media management. This is a media practice or artistic programme, and therefore does not provide training for a specific professional field. It focuses on providing skills for challenging professional fields requiring creative and reflexive ways of thinking, such as cultural management, PR, publishing, film production, distribution and promotion, decision-making or (corporate) consulting for mass media and the entertainment industry, programming, and editing for radio, print, TV or online. The programme includes a mandatory internship.

Studienprogramm Europäische Medienkultur (European Media Culture), Bachelor of Arts, Licence en Information-Communication

The Europäische Medienkultur programme is a bilateral dual degree taught at two renowned European universities: the Bauhaus-Universität Weimar and the Université de Lorraine (France). The aim of the programme is to study to build awareness of media-related issues on a European scale. You will learn how to describe, analyse and critically reflect on the development of European culture and its media processes.

You will spend three semesters at each university and receive two degrees at the end of six semesters: the German Bachelor of Arts and the French Licence en Information-Communication. The programme is funded by the France-Germany University.

And after graduation? After you have completed the dual Bachelor’s degree programme in Europäische Medienkultur, we recommend a Master’s degree programme in the humanities and/or social sciences in Germany or France.

Medienwissenschaft (Media Studies)

Master of Arts

In Weimar, we are interested in the cultural and societal design processes that not only occur within media itself, but also are made possible by media. The Master’s programme in Medienwissenschaft therefore expands and develops your scientific skills and helps you to develop your own critical and analytical research profile.

The Medienwissenschaft Master’s degree programme specialises in the principle of media studies (media theory, media history, film and media philosophy, media worlds, the history and theory of cultural technologies, image theory, media sociology and archive research).

And after graduation? This is a media practice or artistic programme, and therefore does not provide training for a specific professional field. It focuses on providing skills for challenging professional fields requiring creative and reflexive ways of thinking, such as media and communications consulting, programme and product line design for the entertainment industry, in the museum and exhibitions sectors, or academic activities in research and teaching.

Admissions and applications

Computer Science department

The informatics Bachelor’s degree programme does not require admission, meaning that you can apply on our online portal before the deadline and then matriculate straight away. The examination committee will examine the application documents you submit and decide if you meet the formal and subject-specific requirements of a Master’s degree programme in the Computer Science department.

Media Studies department

The Mediakultur Bachelor’s degree programme does not require admission, meaning that you can apply on our online portal before the deadline and then matriculate straight away. The Europäische Mediakultur programme of study requires French skills, and there is a selection process for candidates. The examination committee will examine the application documents you submit and decide if you meet the formal and subject-specific requirements of a Master’s degree programme in the Mediakultur department.

Media Management department

The examination committee will examine the application documents you submit and decide if you meet the formal and subject-specific requirements of a Master’s degree programme in the Media Management department.

The relevant application and admission methods and deadlines for individual degree programmes can be found at www.uni-weimar.de/Studien.
University Town of Weimar

Despite its small size and story book charm, Weimar is not just a sleepy provincial rent. Whether you are looking for art and culture, a thrilling food scene, or seeking nightlife – 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. More than an era, four centuries, the German National Theatre, numerous cabaret stages, in addition to students clubs and concert venues speak for themselves.

Research training group

Media Anthropology

In April 2020, the International Media Anthropology research training group was established at the Faculty of Media with four million euros of funding from the German Research Foundation (DFG). This will promote young research talent over a period of four and a half years. Within a structured research programme, doctoral candidates and their positions will be undertaking research combining cultural technology and media philosophy with media anthropology issues. The group members’ research projects are supervised by eight professors at the Bauhaus-Universität Weimar and the Academy of Fine Arts in Weimar, under the leadership of Prof. Christiane Voss.

Teaching activities focus on research-oriented and interdisciplinary project studies, i.e. close and concentrated group work on challenging projects with accompanying team spirit and independent action. In addition, our well-equipped laboratories, workshops and seminar rooms are the perfect place to implement personal ideas and successfully complete a course of study.

Excellent supervisory relationships and autonomous project-based courses of study create a working atmosphere that inspires innovation and socially media professionals. Our graduates have professional opportunities in the media, cultural, computing and communications sectors, as well as in research and teaching.

Follow your experimental drive and bring your scientific curiosity to life with us. We offer you intellectual freedom and creative development opportunities in an international environment. Welcome to the Faculty of Media!

Detailed information about studying at the Faculty of Media is available on www.uni-weimar.de/media.