THE COMPUTER SCIENCE FACULTY IN KOBLENZ

The University of Koblenz-Landau is a young university on the upswing. The School of Computer Science has more than 1450 students. It is located on the campus in Koblenz, an internationally known focus point for research and teaching. The School of Computer Science has more than 20 Professors and over 100 doctoral and post-doctoral researchers making it among largest of its kind in Germany. The school comprises six research institutes that cover a wide range of topics and disciplines:

- Institute for Business and Administration Informatics
- Institute for Management
- Institute for Computational Visualistics
- Institute for Computer Science
- Institute for Software Technology
- Institute for Web Science and Technologies

The school offers Bachelor and Master programs in Computer Visualistics, Computer Science, Business Informatics, Information Management, and Master programs in E-Government and Web Science. The school emphasizes the personal contact between professors and students. Studying is a pleasure on our modern campus with excellent technical equipment, short distances, possibilities for interdisciplinary cooperation and a large range of sport opportunities.

CONTACT AND GUIDANCE

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UNIVERSITÄT KOBLENZ-LANDAU
http://www.uni-koblenz-landau.de

Registration
Online registration till beginning of the lectures
(Mid of April / Mid of October)

Students with a German bachelor degree:
Registration office
(Studierendensekretariat der Universität Koblenz-Landau) at
http://www.uni-koblenz-landau.de/studium/bewerbung

Students with a non-German bachelor degree:
http://www.uni-assist.de

WEB
M. Sc. Web Science

Web Science
Master

WeST
People and Knowledge Networks
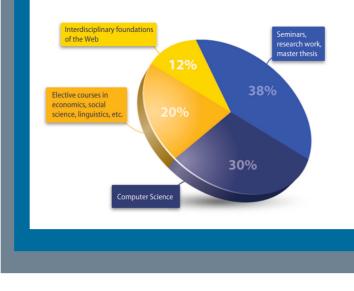
UNIVERSITÄT
KOBLENZ · LANDAU

M. Sc. Web Science

The Web is a means to find information, to engage with other people, to work and to entertain yourself. The hugely successful development of the Web has intricate implications on society, economy, and politics. The structure and dynamics of online communities (e.g., Social Networks), the usage and development of knowledge platforms (e.g., Wikipedia) or new social and political awareness (e.g., transparency of political processes) provide us with new ways of organizing our private, professional and public life.

By studying Web Science you acquire the expertise and experience to understand, to analyze and to shape the Web and its development. You will learn about its history, its interdisciplinary foundations and the methods that are needed to carry the Web forward. You will be able to use the Web as a tool to help society and businesses.

For this purpose the master program in Web Science extends and enriches skills of research-interested students. Students should have finished a Bachelor in one of the disciplines related to the Web and have acquired basic knowledge about computer science. Regular access is granted to graduates in computer science or business informatics and likewise subjects, other graduates may be admitted after individual assessment. The Master in Web Science targets German and international students. All required courses are taught in English, some additional electives can be taken in German."

THE CURRICULUM

The Web Science curriculum is the first of its kind at a German university. It emphasizes computer science in order to have the foundational knowledge about the structure of the Web and about the techniques required for analyzing the Web and its evolution. For the analysis of the Web, interdisciplinary research is necessary in order to understand users, their behavior and interaction with other users on the Web. Thus, an overall understanding of the Web requires knowledge from other disciplines such as mathematics, psychology, political science, studies of the law and economics.

Students will be taught about the interaction between computer science and the other disciplines and how concepts and methods from these disciplines are relevant to understanding and shaping the Web.

Besides modules for lectures, tutorials and seminars, the curriculum also includes courses for carrying out individual research work applying methods and techniques treated in the lectures.

JOB PROSPECTS

Graduates from Institute WeST have found interesting positions at companies such as Google, Ernst & Young, Software AG or Bosch, to name but a few, they have started their own companies (e.g. Kreuzverweis, Alperion), or they have continued for a Ph.D. in Koblenz, in Germany, or abroad. Institute WeST has a limited number of places available each year for pursuing a Ph.D. in computer science with a focus on Web Science. Admission to the doctoral program follows an excellent master's degree in Web Science or computer science or closely related discipline. If you excel earning a master's degree in Web Science you will be in pole position for continuing with doctoral studies.

WHY KOBLENZ?

The university has close contacts to leading companies, offering possibilities for internships, collaboration and project experiences. There is a choice of international exchange programs with academic partners all around the world. Koblenz is a city with a rich history. With its 107.000 habitants it is located in one of the most attractive regions in Germany. Its surrounding landscape, the Upper Middle Rhine Valley, is honored as a UNESCO World Cultural heritage. Together with the Metropolitan areas of Frankfurt and Cologne, which are close by, it features many cultural attractions and recreational offerings in combination with moderate living costs making Koblenz an ideal place for studying.