The Koblenz Campus of the University of Koblenz-Landau will become an independent university on 01.01.2023. As the interdisciplinary university in northern Rhineland-Palatinate, it will live the *Knowledge – transformation – innovation* paradigm in its profile areas “Education”, “Computer Science”, “Culture and its Mediation” as well as “Material and Environment” and launch cutting-edge initiatives for teacher training and the region. This is your chance to help shape the future University of Koblenz right from the start!

Waiting to be filled in the **Faculty 3: Mathematics/Natural Sciences** at the **Koblenz Campus** is the appointment to a permanent

**university professorship (W2 per LBesG)**  
with civil service status for

**mathematics with a focus on stochastics/statistics (m/f/d)**

at the **Mathematical Institute** at the next possible date.

Faculty 3 approaches its research topic of "Material & Environment" in three main areas: "Material Properties and Functional Surfaces", "Modeling and Simulating" and "Biodiversity and Ecosystems". Through the associated research activities, the faculty ensures knowledge gain as well as approaches to solving socially relevant problems in mathematics and the natural sciences for the region, nation, and world.

The Mathematical Institute offers bachelor and master programs (B.Sc./M.Sc.) with a focus on mathematical modeling, simulation and optimization, but also participates in study programs (B.Ed./M.Ed.) training teachers for primary, secondary and vocational schools. The main research topics of the institute are applied mathematics with a main focus on modeling, simulation and optimization as well as didactics of mathematics. Research is conducted in cooperation with national and international partner institutions as well as with the local teacher training colleges.

The professorship for mathematics with a focus on stochastics/statistics is expected to strengthen and complement the key research topics of the Mathematical Institute in modeling, simulation and optimization, and should be able to establish joint research activities within the Faculty 3 and the Faculty 4: Informatics.

**Key responsibilities:**

The position holder will be responsible for representing the subject mathematics with a focus on stochastics/statistics in research and teaching.

He/She should have an outstanding track record in mathematics with a focus on stochastics/statistics.

Research is expected to focus on modern aspects in at least one of the following fields probability theory, stochastic processes, stochastic differential equations or mathematical statistics. Applicants should also be able to relate their own research to the faculty’s profile area "Anthropogenic Stressors in Ecosystems" with its interdisciplinary topic "Water" or to the profile area 'Health Data Intelligence' of Faculty 4: Informatics.

In addition, active engagement in the acquisition of third-party funding will be expected.

The position holder's responsibilities will include actively recruiting and developing young scientists.

The teaching load is currently nine hours per week per semester.
Teaching is to be provided primarily in the programs "Mathematische Modellierung, Simulation und Optimierung (B.Sc.)" and "Mathematical Modeling, Simulation and Optimization (M.Sc.)", but also in courses of the teacher training degree programs and other scientific programs of the Faculty 3: Mathematics/Natural Sciences.

Assisting with examinations in all degree programs of the Mathematical Institute is also expected.

The willingness to cooperate across and within disciplines and in general is a prerequisite.

It is also expected that the position holder will take on responsibilities in academic self-government.

The position holder will be expected to play a significant role in shaping the Mathematical Institute through her/his own ideas and emphases, and actively generate initiatives that contribute to the development of the offered study programs.

**Recruitment requirements:**

The recruitment requirements of Section 49 of the Higher Education Act (HochSchG) of the State of Rhineland-Palatinate apply. The statute requires a completed higher education, a qualified doctorate in mathematics, pedagogical aptitude and additional scientific achievements.

Experience in acquiring and managing externally funded projects is expected to be documented with an overview of past third-party funding activities. A research concept must also be presented.

Both good German and good English language skills are required, as courses are offered in both languages.

Special didactic skills and teaching experience are required and must be demonstrated by presenting a teaching concept.

The State of Rhineland-Palatinate and the University of Koblenz-Landau advocate a concept of intensive student mentoring and therefore expect a high face-to-face presence at the university.

The University of Koblenz-Landau is a place of diversity and welcomes qualified applications by individuals from different backgrounds.

Women with equivalent aptitude, competence and professional performance are given preferential consideration in hiring, to the extent that as long as there is an under-representation. This ceases to apply when an applicant’s caliber outweighs the requirement for gender equality. Questions regarding the compatibility of private life and career as well as matters of equal opportunities will be answered by the equal opportunities commissioner of the faculty apl. Prof. Dr. Michaela Schlich (schlich@uni-koblenz.de).

Severely disabled applicants with identical qualifications are given preference in hiring.

Further details are provided by the head of the Mathematical Institute Prof. Dr. Michael Hinze (hinze@uni-koblenz.de).

Applicants are asked to send their documents (curriculum vitae with academic background, certificates, research concept, overview of third-party funding, teaching concept, etc.) only via e-mail in one PDF file to bewerbung@uni-koblenz-landau.de no later than 14.09.2022 marked with the identification number 44/2022.

[www.uni-ko-l.de/karriere](http://www.uni-ko-l.de/karriere)