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 didactics of physics and technical teaching (m/f/d)

at the Institute/Department for Integrated Natural Sciences 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 Institute of Integrated Natural Sciences (with its departments of biology, chemistry, geography and physics) participates in study programs (B.Ed./M.Ed.) training teachers for primary, secondary and vocational schools as well as in interdisciplinary scientific bachelor and master programs (B.Sc./M.Sc.).

Research groups of the department of physics perform research activities in the areas of material physics and surface physics and are thereby interconnected to regional and national research facilities and other scientific institutions. The department of physics together with the departments of biology and chemistry offers the interdisciplinary bachelor and master course “Applied Natural Sciences” (B.Sc./M.Sc.) and together with the University of Applied Science Koblenz the master course “Applied Physics” (M.Sc.). The professorship for didactics of physics and technical teaching is part of the faculty’s strategy to establish an interdisciplinary cluster for the didactics of STEM subjects (“KOMINT”), which considers itself being part of a campus-wide interdisciplinary center of didactics.

Key responsibilities:

The position holder will be responsible for representing the subject didactics of physics and technical teaching in research and teaching.

He/She should have an outstanding track record in research related to the didactics of physics. Research is expected to focus on didactics of physics concerning secondary education. Research topics related to heterogeneity and diversity, permeability in the education system, technical teaching, digitisation, and/or mathematics in the physics curriculum will be a plus.

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 teaching methodology courses of the teacher training degree programs offered and to a lesser extent in subject specific courses that are especially relevant to teacher training.
Assisting with examinations in all degree programs of the department of physics is also expected.

The willingness to cooperate across and within disciplines and in general is a prerequisite, particularly in the context of the Center of Teacher Education.

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 research and teaching within the faculty and the institute through her/his own ideas and emphases and actively generate initiatives that contribute to developing teacher training.

**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 didactics of physics or physics, pedagogical aptitude and additional scientific achievements.

Only candidates with at least three years teaching experience at school are to be appointed to a position whose job description includes tasks in educational science or subject specific teaching methodology.

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 Dr. Michaela Schlich (schlich@uni-koblenz.de).

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

For further information, please contact Prof. Dr. Silke Rathgeber, head of the department of physics (rathgeber@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 28.02.2022 marked with the identification number 02/2022.

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