

The Faculty of Business Administration and Economics has the following job opening:

## Research Position



**ID: Wiss24023**

- Start: 01.10.2024
- part-time 66 %
- salary according to Remuneration level 13 TV-L
- fixed-term

The assistant professorship of statistical modelling is dedicated to the development and implementation of statistical models for stochastic processes that help us to extract meaningful insights from complex, novel types of data, with a focus on applications in ecology and economics.

## Your Tasks

- research within the field of statistical modelling, particularly method development for stochastic processes and/or flexible regression models (65 %)
- teaching (e. g., practical sessions for the lectures "Hidden Markov models" and/or "Generalised linear models") and assistance with the supervision of B.Sc. and M.Sc. theses (25 %)
- administrative duties and/or participation in committees (10 %)

The position is co-financed through a department programme that aims at strengthening the Bielefeld Graduate School of Economics and Management (BiGSEM). Therefore, the active participation in the doctoral programme of BiGSEM (economics profile) is mandatory; for more information about BiGSEM see [bigsem.de](http://bigsem.de).

Employment is conducive to scientific qualification.

## We offer

## Your Profile

### We expect

- scientific university studies (M.Sc. or equivalent, completed by the date of employment) in statistics, data science, economics, mathematics, or a related quantitative discipline
- advanced knowledge in statistics, particularly statistical modelling (e. g., hidden Markov models, generalised linear and additive models, stochastic processes, stochastic differential equations, and/or non-parametric modelling techniques)
- advanced programming skills in R
- fluent oral and written English language skills
- ability to work independently as well as in teams and to cooperate with others

### Preferred experience and skills

- interest in applications in ecology and/or economics
- experience with the development of R packages

- salary according to Remuneration level 13 TV-L
- fixed-term (3 years) (§ 2 (1) sentence 1 of the WissZeitVG; in accordance with the provisions of the WissZeitVG and the Agreement on Satisfactory Conditions of Employment, the length of contract may differ in individual cases)
- part-time 66 %
- internal and external training opportunities
- variety of health, consulting and prevention services
- reconcilability of family and work
- flexible working hours
- good transport connection
- supplementary company pension
- collegial working environment
- open and pleasant working atmosphere
- exciting, varied tasks
- modern work environment with digital processes
- various offers (canteen, cafeteria, restaurants, Uni-Shop, ATM, etc.)

- programming skills in another language, such as Python and/or C++

## Application Procedure

We are looking forward to receiving your application. To apply, please preferably use our online form via the application button below.

**application deadline: 07.03.2024**

**APPLY NOW**

### Contact

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Bielefeld University has received a number of awards for its achievements as an equal-opportunity employer and has been recognized as a family-friendly university. The university welcomes applications from women. This is particularly true with regard both to academic and technical posts as well as positions in information technology as well as the skilled crafts and trades. Applications are handled according to the provisions of the state statutes on equal opportunity. Applications from suitably qualified handicapped and severely handicapped persons are explicitly encouraged.

At Bielefeld University on request positions can be carried out with reduced working hours as long as this does not conflict with official needs.

