

The **Chair in Quantitative Methods of Business Administration** is part of the Department of Business Administration of the Faculty of Business, Economics and Social Sciences of the University of Bern. Our Bachelor courses provide introductions into operations research and data analysis; our Master courses focus on big data analytics and combinatorial optimization with applications in operations management and in portfolio selection. Our objective in research is to develop models and methods for solving real-world optimization problems.

As of September 1<sup>st</sup> or by arrangement we fill several vacancies as

# PhD student and teaching assistant

## Tasks

- Research in the field of operations research applications in big data, portfolio selection, operations management or project scheduling
- Teaching assistance in our courses and seminars (in English and German)
- Supervision of Master and Bachelor theses

## Qualifications / Profile

- Master's degree in Business Administration, Economics, Industrial Engineering, Computer Science, Mathematics or related disciplines with excellent grades
- Expertise in Operations Research
- Enthusiasm about analytic thinking, scientific research and academic teaching
- Fluent in English language
- Basic German language skills (teaching in German after one year)

## We offer

- Possibility to do a doctorate
- Intellectually demanding tasks
- Cooperation in a young and enthusiastic team
- Possibility to present your research results at international conferences and in leading journals
- Attractive workplace in the center of Bern
- Employment according to conditions of the canton of Bern

## Application

Please submit your application as a PDF-file to Prof. Dr. Norbert Trautmann  
([norbert.trautmann@pqm.unibe.ch](mailto:norbert.trautmann@pqm.unibe.ch))

---

**Quantitative Methods in  
Business Administration**  
Prof. Dr. Norbert Trautmann  
Schützenmattstrasse 14  
CH-3012 Bern

Phone +41 31 631 53 25  
[www.pqm.unibe.ch](http://www.pqm.unibe.ch)



---

<sup>b</sup>  
**UNIVERSITÄT  
BERN**