



The Department of Business Administration at the University of Zurich (Switzerland) is looking for
Postdoctoral Research Fellows (Research Associates, 80% employed)

and

PhD Students (Research Assistants, 60% employed)

starting February 1st 2023, or by arrangement.

PhD students will either be employed at the Chair of Quantitative Business Administration, the Chair of Mathematics for Business and Economics, or the Chair of Sustainable Operations Management. Postdocs will be employed at the Chair of Quantitative Business Administration or the Chair of Mathematics for Business and Economics.

The Chair of Quantitative Business Administration focuses on the development of quantitative methods for improved decision making. From the methodological perspective our main interests are in mathematical optimization, in particular, integer programming, combinatorial optimization, bilevel optimization and optimization under uncertainty.

The Chair of Mathematics for Business and Economics focuses on the optimization of stochastic dynamic systems, in particular via Markov decision processes using approximate dynamic programming. Applications can be from any area of operations management, but our main interests are revenue management and sports.

The Chair of Sustainable Operations Management focuses on incorporating sustainability in operational decision making, by developing methodology and theory to improve sustainability of businesses while also addressing other key aspects such as profit, service, quality, and resilience. The application areas include Circular Economy, Supply Chain Collaboration for Sustainability, and Technology Transition for Sustainability.

We Offer

- The opportunity to work on cutting-edge research projects
- Interesting work as part of a dynamic team in a friendly working environment
- The possibility to interact with internationally renowned scientists
- A highly competitive salary in accordance with the salary guidelines/scale of the canton of Zurich
- A generous travel budget to present your work at international conferences

Responsibilities

- Developing, managing, and publishing research projects
- (Assisting in) teaching activities
- Supervision of Bachelor or Master theses



Qualifications

- Candidates should have a strong background in Operations Research, Operations Management, Optimization, Industrial Engineering, (Applied) Mathematics, or a related quantitative field.
- The PhD student candidates should have or be close to completing a master's degree and the postdoc candidates should have or be close to completing a PhD degree in one of the fields stated above.
- Solid knowledge of optimization techniques and/or stochastic processes
- Good programming knowledge and skills
- Strong motivation for scientific research and teaching
- Good organizational and communication skills
- Reliable team players
- Advanced English language skills

Further Information

Further inquiries regarding the position can be sent to math@business.uzh.ch.

Applications

Applications should include a motivation letter, a CV, academic transcript and, if available, a certificate of the latest degree and GMAT/GRE score. The documents should be sent in a single PDF to math@business.uzh.ch before November 30th, 2022.