



The **Chair of Production Management** is offering a part-time position as

Research and Teaching Assistant / Ph.D. Position (all genders) in Business Analytics and Operations Research

starting on flexible 2027.

The Chair of Production Management (<https://www.bwl.uni-mannheim.de/en/stolletz/>) in the Area Operations at the Business School of the University of Mannheim (Prof. Raik Stolletz) invites applications for a **Ph.D. position in cooperation with SKEMA Business School, Paris, (Prof. Benjamin Legros)** <https://www.skema.edu/en/faculty-and-research/professors/benjamin-legros>. The starting date is flexible in **2027**.

Your tasks include:

The research of both groups focus on the development of methods in Business Analytics and Operations Research, specifically performance analysis and optimization of stochastic systems. This German-French research project focuses on the design and management of so-called retrial operations systems where products or customers return to the system after a certain time. Retrial modeling proves to be particularly valuable for sustainable operations, such as the handling of reusable packages within supply chains. By effectively modeling and managing product returns, the research aims to contribute to the development of sustainable supply chains, reducing waste and promoting circular economy practices. Additionally, retrial analysis can also be applied to improve operations in healthcare systems, allowing for efficient handling of patient return visits, or in customer service centers to optimize service levels for customers requiring multiple interactions.

In addition to working on the research project, the Ph.D. student will provide support to the team in teaching and administrative tasks, contributing to a collaborative and interdisciplinary work environment.

The **University of Mannheim** is one of the leading universities in Germany with approximately 12,000 students in five schools. Particularly in business and economics as well as in the social sciences the university ranks among the top institutions both at national and international level. More than 2,600 employees profit from an exciting work environment with numerous benefits.

Key information

Start: flexible 2027

Term: Based on the Act on Fixed-Term Employment Contracts in Academia

Remuneration bracket: E 13 TV-L BW

Weekly hours: 31,6 hours

Application deadline:
2 November 2026

Your profile:

The ideal candidate has completed or is nearing completion of their Master's studies in Business Analytics, Operations Management, Operations Research, Management Science, Industrial Engineering, Applied Mathematics, or related fields, with a strong academic record. Candidates with advanced skills in business analytics, particularly in stochastic modeling, are highly encouraged to apply. Proficiency in English is essential, while knowledge of German or French languages is not required.

What we offer:

The University of Mannheim Business School is Germany's premier business school and provides an outstanding international research environment. The chair actively supports collaborations within the international research community. The University of Mannheim is an equal opportunity employer.



Positive working
atmosphere



Deutschlandticket



Innovative academic
working environment

Applications from persons with a disability are given preferential consideration provided that they are appropriately qualified. The University of Mannheim is committed to increasing the quota of women in areas where they are underrepresented and thus encourages women with appropriate qualifications to apply.

If you are interested in applying, please send your application documents via e-mail or mail **by 02.11.2026 at the latest:**

University of Mannheim
Chair of Production Management
Prof. Dr. Raik Stolletz
68131 Mannheim
phd.production@uni-mannheim.de

If you have any questions about the position, please contact Prof.
Dr. Raik Stolletz at

phd.production@uni-mannheim.de

Data protection

Please find detailed information on the collection of personal data from the data subject according to Article 13 GDPR on the university's homepage:
www.uni-mannheim.de/datenschutz-bei-bewerbungen.

Submitted application documents will only be returned if you enclose a self-addressed stamped envelope. Otherwise, they will be destroyed in accordance with current data protection law after the application procedure has ended. Electronic applications will be deleted accordingly..

If you apply by e-mail, please note that protection of confidential data cannot be guaranteed as unauthorized third parties might gain access to unencrypted e-mails during transmission.