

Student Assistant (m/f/d)
at the Chair of Production Management of the Business School

We are looking for a **Bachelor/Master student (m/f/d)** to support the **Chair of Production Management** of the Business School for **24 hours/month** from **1st October 2022** onwards. The chair's research focuses on the development of methods in Operations Research, specifically in the field of performance analysis of queueing systems and the optimization of stochastic systems.

What you can expect:

- Various research tasks
 - Literature search, numerical analysis, model implementation
- Involvement in
 - Various research topics, e.g., queueing systems, staff and capacity planning, service level optimization
 - research projects
 - Productive4.0 – Digitalization of the semiconductor industry, funded by the EU and BMBF (<https://productive40.eu/>)
 - Scheduling in multi-stage systems with time-dependent demand, funded by the DFG
 - the development of a Java based tool for the quantitative performance evaluation of stochastic systems
 - Design and development of graphical user interfaces
 - Implementation of performance evaluation methods
 - the preparation of teaching materials and administrative tasks.
- Improvement of your skill set

What we expect:

- A strong interest in quantitative modelling and optimization
- Independent work style, creativity, ability to work in a team
- Fluency in English, German language skills are not required
- Skills in (Java, C++, Python, MATLAB) are considered beneficial
- You are still enrolled at the University of Mannheim for at least one year

Did we spark your interest?

Please send your application with letter of motivation, CV, overview of previous academic achievements, etc. in written form or via email to the Chair of Production Management of the Business School by **1st September 2022**. University of Mannheim, Chair of Production Management Dr. Groß, 68131 Mannheim, E-Mail: grass@uni-mannheim.de

Data protection: Please find detailed information on your rights regarding the collection of personal data according to article 13 of the General Data Protection Regulation (DSGVO) on the University of Mannheim website. Please note that we

cannot ensure confidentiality or prevent unauthorized access by third parties in case of unencrypted e-mails. Application documents will only be returned if you enclose a stamped return envelope. Otherwise, they will be destroyed in accordance with current data protection law after the application procedure has ended. Electronic applications will be deleted.