

The **Research Center Pharmaceutical Engineering (RCPE)** is an interdisciplinary research institute in the area of pharmaceutical process- and product-development in Graz, Austria. Our goal is to establish technology to transform current product and processes development approaches in the pharmaceutical and diagnostics industries into a science-based endeavor together with our partners.



WE ARE OFFERING A

PAID DIPLOMA / MASTER'S THESIS

FOR DIGITALIZATION & DATA GOVERNANCE
REF. NR. DA162

To dedicated students of computer science, data science, natural sciences (pharmacy, biomedical engineering, physics,...), process engineering, or related disciplines, we offer an opportunity to write a paid Diploma/Master's thesis.

OBJECTIVE:

The pharmaceutical industry is currently facing (new) challenges such as high costs for production, but also increased complexity in product- and process development. Digitalisation and data management are essential to improve pharmaceutical production in terms of sustainability and modernization.

The goal of this master's thesis is to collect requirements for digitalization and data management in the pharmaceutical industry, as well as to develop prototypes for digital products and workflows.

Depending on the individual interest emphasis can be given to materials databases, data analyses or digital processes.

WITHIN THE FRAMEWORK OF THIS DIPLOMA / MASTER'S THESIS WE OFFER THE FOLLOWING

- Extensive participation in a top-level and industrially relevant research project in an international environment
- Supervised training in the task
- Assistance of experienced staff with the implementation of innovative ideas
- Access to highly modern infrastructure on campus of Graz University of Technology
- Assistance with the publication of results
- Adequate compensation and opportunities for personal and professional development

FINANCING:

- Compensation on the basis of a service contract

IF YOU ARE INTERESTED IN WRITING YOUR THESIS AT THE INTERFACE BETWEEN UNIVERSITY RESEARCH AND INDUSTRY/ BUSINESS AND TO CONTRIBUTE TO THE OPTIMISATION OF PRODUCT AND PROCESS DEVELOPMENT IN THE PHARMACEUTICAL INDUSTRY, PLEASE CONTACT US INDICATING THE REFERENCE NUMBER.

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