

Internship Process Analytical Technology (PAT)

At Lonza, we invest in great people. We encourage our employees to challenge themselves and we offer an environment that fosters creativity and success. Headquartered in Basel, Switzerland, we operate production, R&D, and business sites around the world, including Europe, North America, and Asia.

Our vision:

We strive to be the leading supplier using science and technology to improve the quality of life.

Our mission:

We work with passion, using advanced technologies, to transform life science into new possibilities for our customers.

Do you want to help us as we shape the future of this great organization?

Job Description Summary

Within the Group "Research & Technology" we offer different internships in the field of PAT. Your work will cover the development and establishment of spectroscopic analytical methods for online and atline applications. You will help to solve issues in the field of reaction and process engineering by applying NIR, MIR or Raman. Another aspect of your work is the data analysis based on statistical mathematics and the interpretation of the results. As a part of a team of experienced scientists this internship allows you to apply your knowledge in an industrial environment and will be a great opportunity to broaden your insight to the chemical industry..

Job Description

- As a part of a team of experts, you will work on applied R&D projects in the PAT context
- You will have access to state-of-the art laboratory equipment and software tools
- You are responsible for the execution and interpretation of lab experiments and data analyses
- Documentation and communication of the results are part of the job
- Your academic background is chemical or process engineering (or equivalent) with focus on statistical methods
- Duration approximately 6 months

Education

Bachelor: Chemie, Master: Chemie

Language(s)

Deutsch, Englisch