






# PhD Student

-  full-time    Limited until 4 years    Zollikofen    Start 01.04.2026 or by arrangement
-  Homeoffice possible

## What you'll be doing here

- Collaboration in an international, interdisciplinary SNSF funded research project on advanced separation technologies for the valorization of lignocellulosic biomass
- Practical laboratory work including steam-pretreatment of beech wood, qualitative and quantitative analysis of solubilized molecules in pretreatment liquors, enzymatic hydrolysis, 5-HMF production
- Dissemination of results at conferences and in peer-reviewed publications
- Supervision of semester and bachelor theses

## What you'll bring with you

- MSc in chemical / process engineering or a related discipline
- Enthusiasm for green chemistry and climate change mitigation
- Enjoyment and first experience in chemical laboratory work
- Flair for technical and mechanical work
- Quick comprehension; meticulous and reliable way of working
- Good communication skills; team player
- Excellent spoken and written English

## School of Agricultural, Forest and Food Sciences

At HAFL, a department of BFH, we're all about connecting humans, nature and technology towards sustainable development. As a ground-breaking, pioneering think tank, we are engaged in the creation and teaching of knowledge for the world of today and of tomorrow – bright-eyed and bushy-tailed, resilient and always solidly grounded at the same time.

Doing something meaningful in a fascinating environment and with an outlook to the future: a job at Bern University of Applied Sciences makes perfect sense.

## I'll be your guide through the application procedure

Cornelia Caputi  
HR Consultant  
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## For job-specific queries

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Application deadline 15.01.2026