

Doctoral school ABC&M is hiring new PhDs students 2023-2025



Advanced biorefinery: Chemistry and Materials



We seek to recruit PhD student for the Advanced Biorefineries: Chemistry and Materials (ABC & M) doctoral school at BOKU.

The offered research projects are co-financed by industrial partners and are concerned with basic research in the field of lignocellulosics. Selected topics are:

- Analysis, modification and valorization of lignin from different sources
- Modification and analysis of cellulose for material applications
- Analysis and utilization of recycled cellulose fibers for spinning applications
- Isolation, modification and analysis of aquatic biomass for packaging

Main Tasks

- Perform the required lab work
- Analyze, interpret and disseminate research findings and results
- Present results at international conferences and write reports and publications
- Contribute to public engagement activities
- Fulfil the curriculum of the ABC&M doctoral school
(boku.ac.at/docservice/doktoratsstudien/doktoratsschulen/abcm/curriculum)

Person Specification

- Master degree in chemistry, biochemistry, chemical technology or a related subject
- Advanced English speaking and writing skills

We offer

- Contract: 3 years / 30 hours per week, Salary: gross monthly 2200 € (14 times p.a.)
- Member of the ABC & M Doctoral school
(<https://boku.ac.at/doktoratszentrum/doktoratsstudien/doktoratsschulen/abcm>)
- New facilities, international team
(<https://boku.ac.at/en/chemie/wpf/forschung/ausstattung-und-infrastruktur>)
- Different topics in the field of bio-resources (www.boku.ac.at/en/chemie/wpf)
- Work place: Vienna and Tulln ([link video](#))

For more information please contact:

Univ.Prof. Dr. Antje Potthast: antje.potthast@boku.ac.at