

SUSTAINABLE CHEMISTRY AND BENIGN BY DESIGN

CERTIFICATE COURSE



→ PROFESSIONAL SCHOOL

[professional programme]

BECOME A CHANGE AGENT FOR SUSTAINABILITY IN THE FIELD OF CHEMISTRY

This certificate is designed for professionals seeking to develop skills for targeted (re)design of chemicals. Based on insights from environmental chemistry and toxicology, (re)design of chemicals is explored. The emphasis lays on the potential and applicability of benign by design, as well as existing gaps in experimental and *in silico* data required for widespread application of the approach. After completion, you are equipped with profound knowledge about molecular (re)design of chemicals with reduced environmental and toxicological impact.

The online-based certificate is complemented by an on-campus laboratory phase.

CONTENTS

Environmental Chemistry | Toxicology and Ecotoxicology | Modelling of Chemical Properties and Fate | Benign by Design

AT A GLANCE	
Degree	Certificate of Advanced Studies (CAS)
Credit Points	20
Length of study	2 semesters
Language	English
Start date	March
Application deadline	December 10 th
Costs	3.300 Euro total plus the current semester fees of c. 210 Euro per semester
Admission requirements	A first university degree chemistry or related fields, at least one year of professional experience, English language skills

Leuphana University Lüneburg | Professional School | Universitätsallee 1 |
21335 Lüneburg | Germany | Phone +49.4131.677-4110 | schem@leuphana.de

www.leuphana.de/certificates-sustainable-chemistry