Master's Degree Programme “Sustainable Chemistry” started at Leuphana University

ISC3 and Leuphana have jointly designed the world’s first Professional Master in Sustainable Chemistry

The world’s first professional master’s programme M.Sc. Sustainable Chemistry at the Leuphana University of Lüneburg/Germany started on 16 March 2020. The interdisciplinary and internationally-oriented master’s programme was jointly designed by the ISC3 (International Sustainable Chemistry Collaborative Centre) and the Institute of Sustainable and Environmental Chemistry of Leuphana. It is hosted by the Professional School of Leuphana. By educating scientists in sustainable chemistry, the course aims to make better use of the potential of chemistry for the sustainable development of our society.

Degree programme starts as e-learning course

The start of the course was possible despite the corona crisis since the course content is mainly taught via e-learning. The first on-campus session will be held in July 2020. Participants from different regions, with different chemistry-related backgrounds and professional experiences, are looking forward to the start of the new study programme. During the four-semester degree programme, there are three attendance blocks in Lüneburg with lectures, seminars, and practical laboratory courses.

Chemistry is essential for finding solutions to global sustainability challenges

Both organisations believe that chemistry plays a central role in the needed transformations; it is fundamental for the further development in many fields, for example, material science, renewable energy, electronics, and mobility. Sustainable chemistry is therefore essential for finding solutions to urgent problems, such as climate change, pollution, and resource scarcity.

"The four-semester master’s programme offers a comprehensive overview of sustainable chemistry - from the molecular level to global material flows", says Professor Dr Klaus Kümmerer, head of the programme, describing the approach. Toxicology, environmental impact, and modelling of substance properties or substance design are just as much in focus as methods of sustainability assessment, international conventions, and alternative business models for chemical services and products.

Professional development in the field of sustainability chemistry

The professional master's programme starts annually in March with up to 25 students. The internationally recognised degree is designed for professionals with a background in chemistry, biochemistry, environmental engineering, pharmacy, or related fields who wish to acquire further qualification in the field of sustainability in chemistry.
URL zur Pressemitteilung:
https://www.leuphana.de/en/professional-school/masters-studies/sustainable-chemistry.html