

SUSTAINABLE CHEMISTRY AND REGULATORY AFFAIRS



→ PROFESSIONAL SCHOOL



LEUPHANA
UNIVERSITY LÜNEBURG



Do you want to get fit for the challenges of today's professional world?

In the part-time, compact certificate programmes, you can expect an **interdisciplinary and cross-disciplinary course of study** that is precisely tailored to your needs and limited time.

DEAR PROSPECTIVE STUDENT,

Thank you very much for your interest in the certificate programme Sustainable Chemistry and Regulatory Affairs. This programme has been developed for professionals aiming to strengthen their expertise in international chemicals management within the broader context of sustainable development.

Throughout two semesters, the programme offers you an interdisciplinary perspective on the relationship between environmental chemistry, toxicology, and regulatory systems at national and international levels. You will analyse how policy frameworks impact chemical safety and sustainability – and how scientific insights can support regulatory innovation.

The programme is delivered primarily online, offering you maximum flexibility. An on-campus lab phase and a practical project module provide hands-on learning opportunities and support the direct application of knowledge in your professional environment.

We look forward to your participation and will be happy to advise you personally if you have any questions.



Anastasia Polyzou
Study programme coordinator



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BECOME A CHANGE AGENT FOR SUSTAINABILITY IN THE FIELD OF CHEMISTRY

The **certificate Sustainable Chemistry and Regulatory Affairs** is designed for professionals seeking to deepen their knowledge on international chemicals management in the context of Sustainable Chemistry. Based on insights from environmental chemistry and toxicology, major policy frameworks for the management of chemicals on a national and global level will be introduced.

Implications of Sustainable Chemistry for regulatory affairs and vice versa will be discussed. After completion, you are equipped with profound knowledge on regulatory compliance in the light of the Agenda 2030.

AT A GLANCE

Degree	Certificate of Advanced Studies (CAS) or optionally a certificate of attendance
Credit Points	20
Length of study	2 semesters
Language	English
Start date	May
Application deadline	December 10th
Costs	4,400€ total plus the current semester fees of approx. 240€ per Semester (Semester fees only apply if you decide to acquire ECTS)
Admission requirements	Completed first university degree, at least one year of relevant professional experience, advanced knowledge of English
Programme Director	Prof. Dr. Klaus Kümmerer

FUTURE-ORIENTED QUALIFICATION

As sustainability and regulatory demands become central to the chemical sector, professionals with skills bridging science and policy are increasingly valued. The Sustainable Chemistry and Regulatory Affairs certificate qualifies you for future-facing roles in regulatory compliance, sustainable product development, and global chemicals governance.

You will acquire targeted knowledge in environmental chemistry, toxicology, legal frameworks, and global chemical policies – all with direct relevance to the 2030 Agenda. The project-based learning and intensive lab week provide practical experience and help you build interdisciplinary competencies.



Whether you are working in industry, public institutions, NGOs, or international organisations, this qualification sharpens your professional profile, opens new career opportunities, and empowers you to actively shape sustainable change in chemical regulation.

COURSE OF STUDY

The certificate programme is offered annually and comprises a total workload of 20 ECTS credits, which can be completed in two semesters. Although the programme is mainly online, it is supplemented by a practical laboratory phase on campus. A diverse range of e-learning formats combined with personalised support ensures a well-structured digital learning experience tailored to your needs, allowing you to seamlessly integrate your studies into your professional life.



Would you like to view the semester schedule so you can compare it to your personal calendar?

No problem, please contact us and we will send you the current plan.



Pre- and post-processing documents for the synchronous events as well as for your self-study are made available to you via our online learning platform. You can engage with your fellow students and teaching staff around the world in forum discussions, webinars and group work spaces. The platform is also used to submit assessments and for preparing and revising classes.

MODULES AND CONTENTS

F2 SC ENVIRONMENTAL CHEMISTRY

- Sources, reactions, transport, fate and effects of chemicals in air, soil and water environments
- Effect of anthropogenic activities on these processes
- Analytical chemistry

F3 SC TOXICOLOGY AND ECOTOXICOLOGY

- Introduction to toxicology and ecotoxicology
- Introduction to toxicology risk assessments and risk-based decision-making
- Toxicological tests

F10 SC LAW, INTERNATIONAL REGULATIONS, AND GLOBAL CHEMICALS MANAGEMENT

- Chemical law
- Environmental law
- International conventions
- International chemicals management

F12 SC PROJECT WORK CHEMISTRY, SUSTAINABILITY AND THE 2030 AGENDA

In this module, you will choose a topic of interest to implement your acquired knowledge in a project on sustainable chemistry, considering its implications for the Sustainable Development Goals of the 2030 Agenda and the ongoing debate on sustainable development.

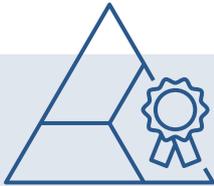
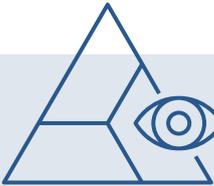
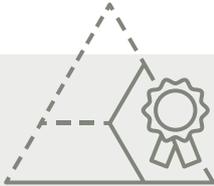
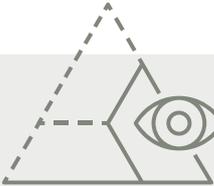


All modules can also be taken individually if interested. If you pass the exams, the ECTS credits earned can later be credited to degree programmes, e.g. to the Master in Sustainable Chemistry.



FORMS OF PARTICIPATION FOR YOUR FURTHER EDUCATION

If you successfully complete all the modules for the certificate with an examination, you will receive your university certificate at the end of the programme: the Certificate of Advanced Studies. This certificate attests to the acquisition of specialist knowledge at university Master's level and is worth a total of 20 credit points. However, you also have the option of waiving the exams without acquiring credit points. At the end of the course, you will then receive a certificate of attendance confirming your participation in the training programme.

	 Certificate studies	 Certificate participation	 Module studies	 Module participation
Immatriculation	✓	✗	✗	✗
Examination	✓	✗	✓	✗
CP acquisition	✓	✗	✓	✗
Degree	University certificate	Certificate of attendance	Confirmation of CP acquisition	Certificate of attendance
Study fees	✓	✓	✓	✓
Semester fees	✓	✗	✗	✗

If you decide to participate in the regular certificate programme, you will enrol as a student and can take advantage of benefits such as student discounts. If you choose the certificate participation option, you will only have to pay the tuition fees and no semester fees.



APPLICATION AND ADMISSION

The certificate programme begins in May each year. You have until 10 December to submit your application digitally using our application tool.

To meet the admission requirements for the certificate programme, you need

- a completed bachelor's degree in chemistry or a degree of at least equivalent level in a related field, provided that it imparts knowledge in general, organic, physical and inorganic chemistry
- relevant work experience of one year
- advanced knowledge of English



To the
application
website



You must submit the following application documents with your online application by the deadline:

- First University Degree
- Proof of English language skills
- Proof of one year relevant work experience

After you submit your application, we will review your documents and you will usually receive official notification in February. During the admission process, we will keep you informed of the individual steps and are always available to answer your questions.

It is also possible to take individual modules and to have them credited to the course at a later date, or to opt for the certificate participation. You can register for the modules, subject to availability, up until the start of the module in question.

At the beginning of your studies, you will receive all the information you need about the programme and have the opportunity to meet your fellow students and lecturers.

**Do you have all the documents you need?
We look forward to receiving your application!**



Are you unsure whether you fulfil the admission requirements or whether your documents are sufficient? We will be happy to advise you!

FEES AND FINANCING

The following fees apply for participation in the part-time Certificate Sustainable Chemistry and Regulatory Affairs:

- Tuition fees: €4,400
- Plus semester fee: approx. €240 (per enrolled semester, not for the certificate participation option)

At the beginning of your studies, you determine the payment method in consultation with the coordinator. Instalment and special payments are possible. We will invoice you for the tuition fees based on the information you provide. The semester fee is charged in advance by the university during enrolment.

It is also possible to attend individual modules.



According to the currently applicable legal regulations in Germany, you can claim costs related to your studies against tax. Please feel free to ask your tax advisor!



Studying is not only to your own advantage. Investing in your professional development can also be beneficial for your employer. A discussion with your superiors can provide clarity here. Some students negotiate individual financing models with their employers. These can vary from offers of support for flexible working hours to granting days off for study purposes or full financing of studies. We will be happy to issue the invoices for the tuition fees directly to your employer if they cover (a portion of) the costs.



Arrange a personal consultation appointment by email and get answers to your questions about student financing:
psfinanzierung@leuphana.de



Is it worth the financial investment in a part-time certificate programme? What costs can I expect and how can I best manage them? There are many questions regarding the financing of a part-time course of study.

Before you start your part-time studies at the Professional School, we recommend that you create an individual financing plan. It may also be worth looking at possible scholarships and grants.



Information on
funding and
financing



CONTACT



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INDIVIDUAL COUNSELLING

on campus, via email, telephone or virtually through Zoom to evaluate whether the content of the programme meets your expectations. For a counselling interview, please select an appointment in our [booking portal](#).

To the appointment
booking



INFO DAY PART-TIME STUDY

Twice a year, we present the Certificate Sustainable Chemistry and Regulatory Affairs at the [Leuphana Professional School's Info Day](#).

Dates and
registration



DATES AND EVENTS

You can find the latest dates for (online) info events on our [website](#) at any time.

Dates and
registration

