

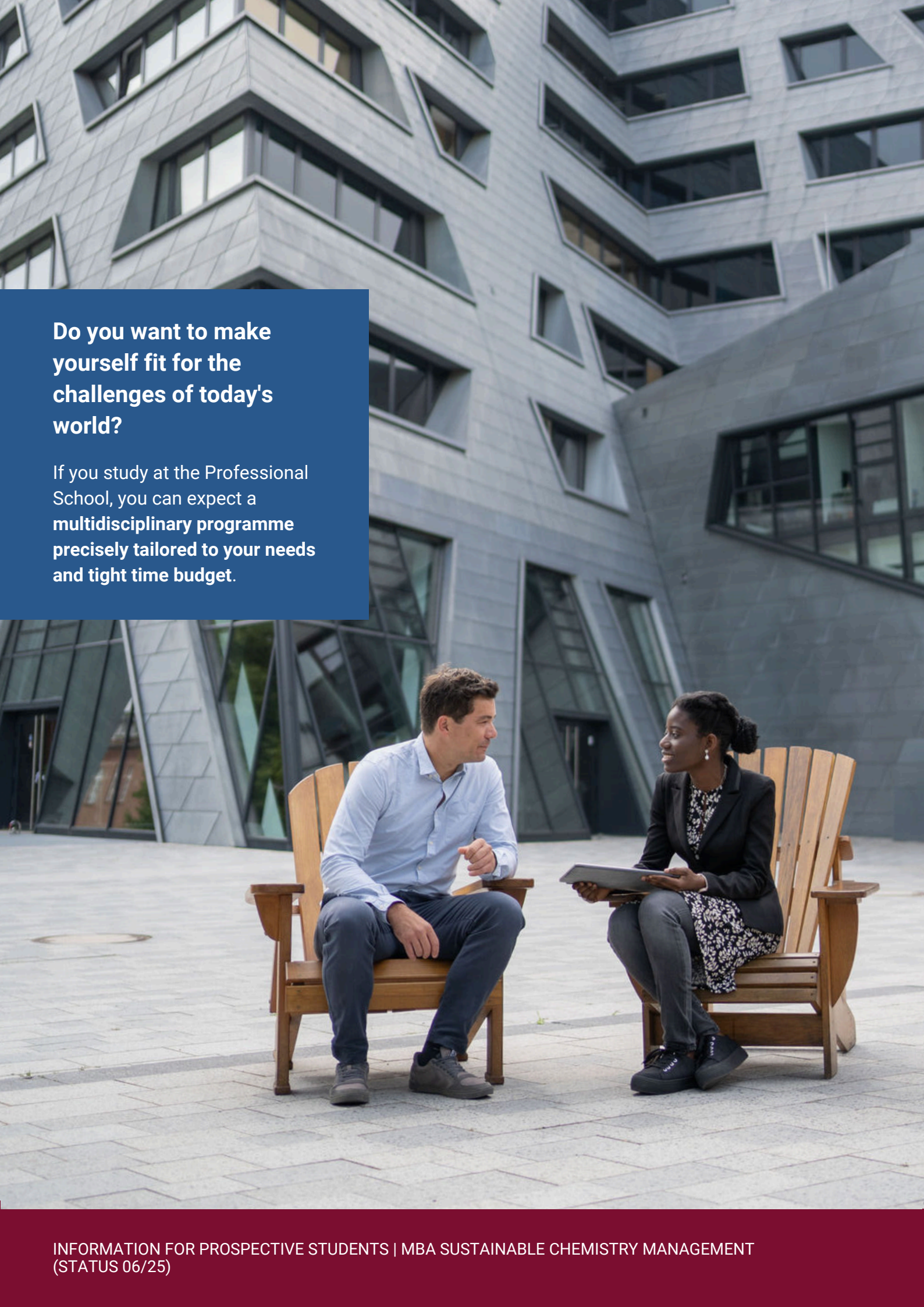
MBA SUSTAINABLE CHEMISTRY MANAGEMENT



→ PROFESSIONAL SCHOOL



LEUPHANA
UNIVERSITY LÜNEBURG

A man and a woman are sitting on wooden chairs in an outdoor courtyard. The man is on the left, wearing a light blue shirt and dark trousers, looking towards the woman. The woman is on the right, wearing a black blazer over a patterned dress and dark pants, holding a tablet and looking back at the man. They are both smiling. In the background is a modern building with a unique, faceted facade made of grey stone or concrete, with many windows of various shapes and sizes. The ground is paved with light-colored stone tiles.

**Do you want to make
yourself fit for the
challenges of today's
world?**

If you study at the Professional School, you can expect a **multidisciplinary programme precisely tailored to your needs and tight time budget.**

DEAR PROSPECTIVE STUDENT,

Thank you for your interest in the professional Master's programme Sustainable Chemistry Management at the Professional School of Leuphana University. Our programme is worldwide unique in conveying interdisciplinary training in sustainable chemistry and combines comprehensive training for sustainability-oriented management in various sectors with the chemical enterprise.

The MBA is designed as a blended learning programme for international professionals. The course language is English, and course content will be provided mostly online via our e-learning platform. Throughout the entire programme, you will be closely supervised by our lecturers, our e-learning team and the programme coordinator – ensuring an optimal online learning experience.

In addition to the online phases, there will be a classroom session at the beginning of the programme in March. On the wonderful campus of Leuphana University, you will enjoy lectures, seminars and extracurricular activities. Moreover, this session offers the unique chance to closely interact with your peers and lecturers and exchange ideas and experiences in the field of sustainable chemistry management.

Besides, we offer our certificate course Practices of Sustainable Chemistry that allows you to take selected modules from the Master's course. Guest students for one or more modules are also welcomed.

In this brochure, you will find more information about the programme. Additionally, I would be happy to offer you a personal consultation via phone or online to answer any questions you may have about the programme.



Daniela Nordhoff
Study programme coordinator



To the
programme
website



TABLE OF CONTENTS

CONTENTS AND STRUCTURE



COMPLETION OF THE DEGREE



APPLICATION AND ADMISSION



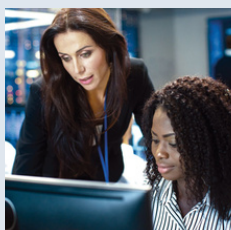
FEES AND FINANCING



WHY SUSTAINABLE CHEMISTRY?



Further offers:



Practices of Sustainable
Chemistry Certificate

MANAGING CHEMISTRY FOR SUSTAINABILITY

Sustainability agendas across the globe highlight an urgent need for our socio-economic practices to remain within the safe operating space of our planet's boundaries and the Agenda 2030. Nearly all sectors of the socio-economy, including agriculture, housing, healthcare, mobility, energy to the IT sector, depend on the use of chemical products. They are facing an imminent necessity to change gear in response to climate change, pollution and resource depletion. New types of resources and energy systems are required, along with increased circularity in resource and product flows, and compliance to international regulations for pollution prevention and climate neutrality.



Learn with our **MBA Sustainable Chemistry Management** how to integrate transformative management practices related to the chemical sector in your field of profession – and become a leading actor in reshaping our socio-economy to the requirements of sustainable development.

THE MBA PROGRAMME AT A GLANCE

The MBA provides comprehensive training for sustainability-oriented management in various sectors connected to the chemical enterprise. It combines classes in sustainability management with operational knowledge relevant to various sectors connected to the chemical enterprise. The programme has a strong intra- and interdisciplinary character and combines two fields of expertise: sustainable chemistry and transformative sustainability-oriented management practices.

Participants are equipped with valuable expertise and tools for sustainability-based decision-making in value chains and organisations.

AT A GLANCE	
Degree	Master of Business Administration (MBA)
Credit Points	60
Length of study	3 semesters
Language	English
Start date	March, flexible entry options
Application deadline	December 10th
Costs	14,850€ total plus the current term contribution of approx. 240€ per term
Application requirements	<ul style="list-style-type: none">• a first university degree (Bachelor or Master, entry via modular studies possible without a university degree)• fluency in English• one year of professional experience (for a Master's degree) or two years of professional experience (for a Bachelor's degree) (entry via modular studies possible with shorter work experience)• basic knowledge of accounting, management, personnel management, law• basic knowledge of chemistry
Programme Director	Prof. Dr. Klaus Kümmerer



To move companies, economies, and societies towards sustainability, it is indispensable that the practice of chemistry is managed accordingly. Without any doubt professional background is needed for this new important management issue.

Prof. Dr. KLAUS KÜMMERER, Study Programme Director



Management practices of today must be guided by understanding global flows of matter in the socio-economy. Join us to become a transformative leader for sustainability!

Dr. MYRIAM ELSCHAMI, Study Programme Developer



Sustainability management supports decision-makers in improving environmental and social performance to achieve both: operating in the space of planetary boundaries and increasing competitiveness. This requires methods to analyse causes of sustainability problems and to develop innovative, effective and practicable business solutions. We are looking forward to add our experience to the MBA Sustainable Chemistry Management.

Prof. Dr. Dr. h.c. STEFAN SCHALTEGGER, Director CSM

STRUCTURE OF THE DEGREE PROGRAMME



The three-semester MBA programme consists of eight theoretical modules, a complementary module and the Master's thesis.

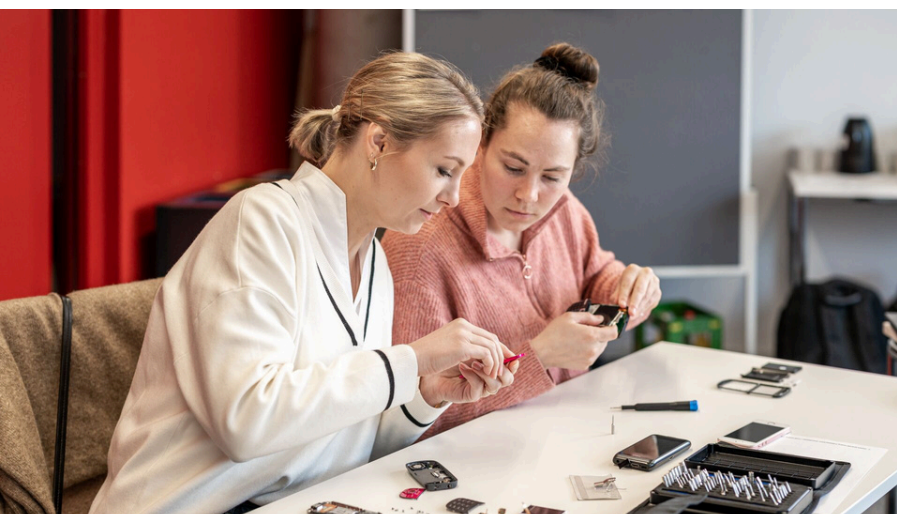
1 st Semester	2 nd Semester	3 rd Semester
Principles of Sustainability Management [5 CP]	Conditions for Sustainability Management [5 CP]	MASTERS THESIS [15 CP]
Perspectives of Sustainability Management [5 CP]	Applied Sustainability Management [5 CP]	
Concepts of Sustainable Chemistry [5 CP]	Regulations and International Conventions [5 CP]	
Resources, Recycling and Circular Economy [5 CP]		
COMPLEMENTARY STUDIES Society and Responsibility [5 CP]		Tools for Sustainable Chemistry [5 CP]

The MBA is an innovative programme offered by the Institute of Sustainable Chemistry (INSC) in collaboration with the Centre for Sustainability Management (CSM), each hosting four of the theoretical modules.

The MBA is ideal for international professionals from all sectors and academic backgrounds who desire to incorporate unique management expertise for the practice of chemistry into value chains and organisations in alignment with sustainability.

STUDY ORGANISATION

The MBA programme starts every year in March. It is a distance-learning programme designed for working professionals who seek to expand their knowledge and skills as well as their network in the field of sustainable chemistry management.



The duration of the mandatory on-site session is 5 days, a tourist visa is sufficient for this duration. The programme does not qualify for a student visa.

The programme allows you to remain fully active in your profession during your studies. Most of the curriculum is delivered by online learning, supplemented by an onsite session in Lüneburg at the beginning of the curriculum. Attendance is highly recommended for this five-day block seminar. Hybrid participation is also possible, providing flexibility for those unable to attend in person.

The introductory on-site week is eligible for educational leave (Bildungsurlaub) for persons who live and work in Germany. During this onsite session there will be the first lectures and seminars as well as social events to get to know each other and start networking.

Most of the seminars are distance-learning units. Lecturers, other programme staff and e-learning teams provide comprehensive support not only during the online learning units and block seminars, but also during self-study periods.



You can flexibly organise most parts of your degree in line with your professional commitments: the e-learning platform gives you access to material such as literature, e-lectures, presentations and exercises. You can engage with your fellow students and teaching staff around the world in forum discussions, webinars and group work spaces and work on joint projects.

The platform is also used to submit assessments and for preparing and revising classes. This allows you to choose your own learning environment to a large extent and gives you flexibility in terms of time and location.

FLEXIBILITY FOR WORKING PEOPLE

New challenges await you on the part-time degree programme: Balancing work, private life and studies is a key issue. You will have to save time for your continuing education programme elsewhere, which requires good time and self-management.



Would you like to take a look at the semester schedule to compare it with your personal calendar?

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



However, if things get tight because deadlines collide or you have more work commitments, you can postpone examinations or even entire modules to a later date.

Incidentally, attendance is not compulsory for our courses. The decisive factor for completing a module is passing the examination.

MODULES AND CONTENTS

F1 SCM PRINCIPLES OF SUSTAINABILITY MANAGEMENT

- Introduction to the basics of sustainable development and sustainability management
- Central topics of the sustainability discourse
- Challenges and opportunities of sustainability management
- Perspectives on sustainable management
- Sustainable strategic management and business development
- Concepts and instruments of sustainability management
- Challenges of implementing sustainability from a management perspective

F2 SCM PERSPECTIVES OF SUSTAINABILITY MANAGEMENT

- Perspectives of sustainability management (market-oriented, collaborative, political) based on the stakeholder concept
- Market-oriented corporate action
- Prerequisites and success factors of longer-term relationships in sustainability management
- Standards and norms in the sustainability context

F3 SCM CONDITIONS FOR SUSTAINABILITY MANAGEMENT

- Putting sustainability-oriented and innovative ideas into practice considering a multi-layered and dynamic stakeholder environment
- Economic, political, cultural, legal and technological framework conditions of sustainability management

F4 SCM APPLIED SUSTAINABILITY MANAGEMENT

- Operational implementation of sustainability management to achieve competitive advantages
- Description, analysis, interpretation, classification and reflection on individual sustainability activities and challenges of individual organisations
- Project work as a practical case
- Central concepts and instruments for the implementation of a sustainability strategy
- Methods of trans- and interdisciplinary working

F5 SCM

CONCEPTS OF SUSTAINABLE CHEMISTRY

- Sustainable Chemistry as interdisciplinary concepts
- Chemistry as a science and an industry needed for sustainable development
- Explanation, relation and differences of sustainable chemistry, green chemistry and circular chemistry
- State of the art examples of chemical products (e.g. microplastics, pesticides, pharmaceuticals, electronic devices, textiles, batteries) considering the entire life cycle
- Key characteristics of sustainable chemistry
- Sustainability-oriented strategies to meet the Agenda 2030
- Opportunities and limitations within the chemical sector

F6 SCM

RESOURCES, RECYCLING AND CIRCULAR ECONOMY

- Introduction into the SSbD (Safe and Sustainable by Design) framework
- Approaches for circular water management
- Discussion of challenges related to resource scarcity and climate change
- Strategies for sustainable resource use, including reduction of material flows, recycling practices, and circular value creation

F7 SCM

REGULATIONS AND INTERNATIONAL CONVENTIONS

- The legal perspective on chemical safety and sustainable chemistry with a specific focus on supranational law-making
- Main mechanisms of public international law and chemicals regulations
- Regulatory developments and treaties at the international level (e.g. REACH, POPs Convention)
- Regulations on chemical safety and sustainability-oriented chemicals management
- Interplay of different institutional regimes

F8 SCM

TOOLS FÜR SUSTAINABLE CHEMISTRY

- Assessment and strategic tools for applied sustainability-oriented decision-making in the chemical and related sectors
- Life cycle assessment
- Innovative business models such as chemical leasing
- Strategies and tools to increase the transparency of chemicals management in supply chains

You will develop criteria for psychologically sound leadership behaviour, analyse your personal communication style and thus develop your skills as a responsible manager. Another part of this module is the responsible management of change processes in companies and organisations. You will also reflect on the importance of business ethics and learn how to communicate a conscious approach to values.

- Leadership and responsibility
- Shaping change in a meaningful way
- Ethics and values

This module is organised centrally by the Professional School and is offered to all Master's students across all degree programmes.

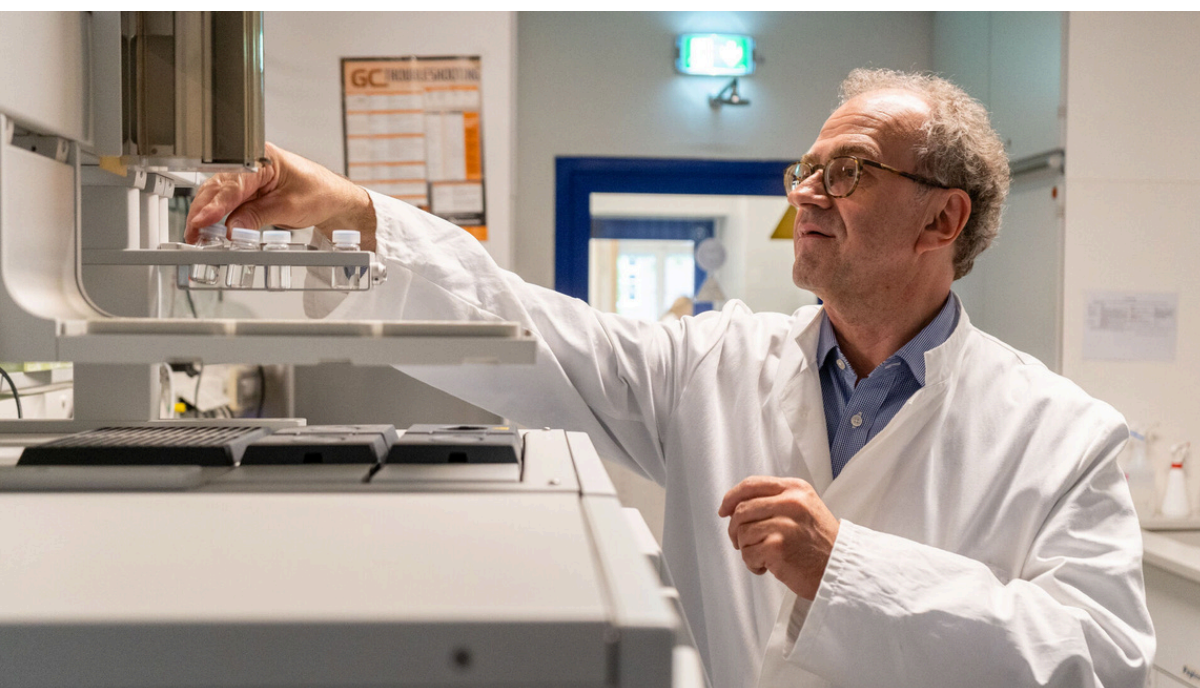


The MBA in SCM programme at Leuphana is an incredibly valuable and important degree in today's world. The programme emphasizes the importance of sustainability and its role in achieving the sustainable development goals (SDGs). SCM is the application of principles like green chemistry, environmental science and sustainability to the management of chemical products and processes. It is an emerging field that recognizes the need to balance economic, environmental factors. By pursuing an MBA in SCM, you will develop a unique set of skills and knowledge that can be applied across wide range of industries, manager supply chain, assess environmental risks and develop sustainable business strategies.

KARAN PATEL, Student

LONG-STANDING EXPERTISE IN SUSTAINABLE CHEMISTRY

The 2030 Agenda for Sustainable Development with its 17 Goals adopted by all UN Member States is increasingly moving into the focus of industries and companies across all sectors. Chemical innovations are of central importance in many areas of our everyday lives. For the chemical sector to play an active role in a developing world, in-depth knowledge of chemistry needs to be complemented by sound expertise on sustainability.



At Leuphana, research and education in the field of Sustainable Chemistry is well established. Leuphana Professional School offers two English online Master's programmes and three certificate programmes for highly motivated international professionals who wish to integrate expertise in Sustainable Chemistry and Sustainable Chemistry Management into their professional portfolio. The programme director is Prof. Dr. Klaus Kümmerer, who was awarded the Federal Cross of Merit (Bundesverdienstkreuz) of the Federal Republic of Germany in 2024 for his long-standing, pioneering commitment to sustainable chemistry.

PRACTICAL ORIENTATION AND INTERDISCIPLINARY PERSPECTIVES

In addition to teaching specialised knowledge, the MBA Sustainable Chemistry Management has a strong focus on application. Experts from science, authorities, non-governmental organisations and industry offer diverse perspectives on the concept of sustainable chemistry management, opening manifold options for graduates of the course to integrate acquired knowledge into practice, expand their network and explore new professional opportunities. Small learning groups enable optimal supervision and a lively exchange within a cohort.



We cordially invite you to bring current issues and (sub-)projects from your everyday working life to the seminars and discuss them with your fellow students and lecturers. Kill two birds with one stone and apply the knowledge you have learnt directly in your institution. For example, you can choose questions related to your own working environment for some examinations or your Master's thesis.

FINAL THESIS WEEK ON CAMPUS OR ONLINE

Writing a thesis can present students with major challenges. In addition to time management, the writing process in particular raises many questions:

- How do I narrow down my topic?
- How do I do targeted research?
- What is the best way to approach the writing process?
- And how do I manage my sources?

Answers to these fundamental questions will be found during the final thesis week.



Note for students working in Germany: The thesis week is registered as regular educational leave in various federal states. Use your personal contingent.

Twice a year, the Leuphana Professional School organises a thesis week in which everything revolves around planning and writing the thesis. Students from different degree programmes tackle this task together, with the Professional School team providing the best possible support. The thesis week is structured around a framework programme, allowing students to tailor their writing process according to their individual needs.



Learn more
about the final
thesis week



YOUR ADVANTAGES AT A GLANCE

Online-based degree

Completion in less than 2 years, extensive e-learning elements in combination with selected clustered classroom sessions, effective programme coordination and e-tutoring

International study programme

Work on internationally relevant topics in international groups, learning about regional perspectives on questions that concern us all, interdisciplinary projects promoting knowledge exchange and transfer to practice

Professional network

Excellent networking opportunities in the field of sustainable chemistry management across sectors and globally: connect with renowned international lecturers and practitioners as well as students from all over the world and from other sustainability related programmes of Leuphana Professional School

Tailored to your needs

Content design for the requirements of working professionals, study time per week adjusted to allow studying while working full time

Flexibility in studying

E-learning platform supporting self-organised learning and work in virtual work groups which allows for high flexibility and enables you to individually plan your study time

Quality-assured professional education

External accreditation according to German higher education guidelines, continuous evaluation and quality assurance





APPLICATION AND ADMISSION

The MBA in Sustainable Chemistry Management starts in March of each year. You have until 10 December to submit your application digitally via our application tool. It is also possible to take individual modules and have them subsequently credited to your degree programme. You can register for the individual modules subject to availability until the start of the respective module.

To fulfil the admission requirements, you need

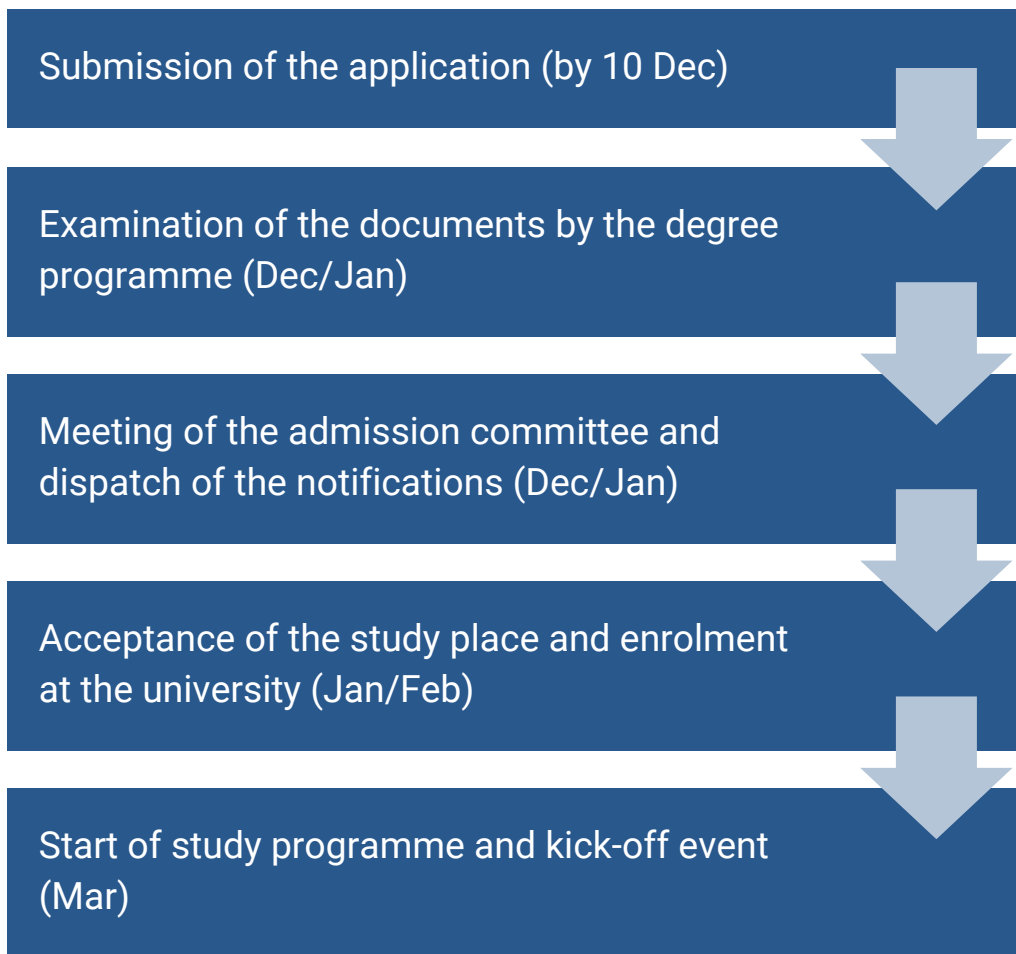
- a first university degree (Bachelor or Master) (entry via modular studies possible without university degree)
- fluency in English (e.g. 92 points in the online TOEFL test)
- one year of professional experience (for a Master's degree) or two years (for a Bachelor's degree) (entry via modular studies possible with shorter work experience)
- basic knowledge of accounting, management, personnel management, law
- basic knowledge of chemistry



Go to the
application tool

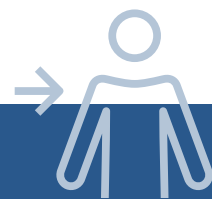


THE ADMISSION PROCESS TAKES PLACE IN THE FOLLOWING STEPS:



During the admission process, we will keep you up to date on the individual intermediate steps and are always available to answer your questions. The MBA programme starts with a kick-off event in Lüneburg, where you will receive all programme-relevant information and have the opportunity to meet your fellow students and lecturers in person.

Do you have all the documents together?
We look forward to your application!



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

CP-DELTA

In order to obtain a Master's degree, you must provide evidence of a total of 300 credit points (CP) from your Bachelor's and Master's degree programmes in accordance with legal requirements.

However, some students only have 180 or 210 credit points from their first degree programme. In these cases, a CP gap may arise, the so-called CP delta, and additional CP must be acquired before submitting the Master's thesis.

All modules of the Master's curriculum and the additional CPs must be completed by the time you submit your Master's thesis. You have the following options for this in the MBA Sustainable Chemistry Management.

Recognition of professional competences via the bridging module <ul style="list-style-type: none">• Proof of at least 1 year (15 CP) or at least 2 years of relevant professional experience on the basis of a structured expert discussion	15-30 CP
Recognition of previous academic achievements <ul style="list-style-type: none">• Additional study achievements at other universities, regardless of the subject specialisation, shown in ECTS	individual
Preparation of an extended Master's thesis <ul style="list-style-type: none">• Completion of a Master's thesis with an extended scope and in-depth research question by individual arrangement	5-15 CP
Preparation of a project <ul style="list-style-type: none">• Carrying out a project in which the conception, realisation, evaluation and documentation of the project are carried out using scientific methods and reflected on at a scientific level	5-10 CP
Enrolment in additional courses <ul style="list-style-type: none">• Completion of additional modules of other study programmes of the Professional School (ATTENTION: the fees of the respective study programme apply here)	individual



FEES AND FINANCING

The following fees are charged for participation in the part-time MBA programme Sustainable Chemistry:

- Tuition fees: € 14,850
- Plus semester contribution: approx. € 240 (per enrolled semester)

At the beginning of your degree programme, you should specify the payment method in the payment agreement in consultation with the coordinator. Instalments and special payments are possible. The semester fee will be charged by the university in advance as part of the enrolment process.

It is also possible to attend individual modules.

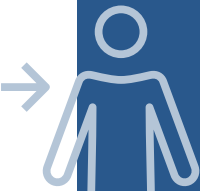


Due to the current legal regulations, you can claim costs relating to your studies for tax purposes in Germany. Please ask your tax advisor!



A degree programme benefits not only you but also your employer. Investing in your professional development can bring value to your organisation as well. A conversation with your line manager can help clarify the potential advantages. Some students negotiate individual financing models with their employers, which may include support for flexible working hours, study leave, or even full funding of their studies.

We will be happy to issue the tuition fee certificates directly to your employer in the event of (partial) cost coverage.



Arrange a personal consultation appointment by e-mail to clarify your questions about financing a part-time degree programme and to receive advice:
psfinanzierung@leuphana.de



Is the financial investment worthwhile? What costs will I face and how can I best manage them? There are many questions about financing a part-time degree programme.

Before you start your part-time studies at the Professional School, we recommend that you draw up an individual financing plan.

It may also be worth taking a look at possible scholarships and grants.



Information on
funding and
financing



CERTIFICATE PRACTICES OF SUSTAINABLE CHEMISTRY



Do you want to integrate sustainability into the chemical practices of the socio-economy? Explore how chemistry relates to sustainable development and understand its significance for current EU and global sustainability policies. Gain comprehensive knowledge on resources, regulations, sustainability assessment and alternative business models. Equip yourself to make informed, impactful decisions that drive sustainable development and lead the way in transforming the future of chemistry.

Concepts of sustainable chemistry

Resources, recycling and circular economy

Regulations and international conventions

Tools for sustainable chemistry



About the
certificate



WHY STUDY SUSTAINABLE CHEMISTRY?

1

FUTURE-ORIENTATED STUDY SUBJECT

The MBA Sustainable Chemistry Management programme will prepare you for the future, opening up new career opportunities in a growing field where sustainability and innovation converge. You will learn how to apply sustainable principles in chemical value chains and organisations in a targeted manner – across industries and internationally. Become part of the transformation towards sustainable chemistry!

2

DIVERSE CAREER PROSPECTS

After completing your MBA degree, you will be uniquely qualified to plan, guide and implement sustainable chemistry management in authorities, industry and related vocational fields, opening up a wide range of job opportunities and meeting the growing demand for professionals with management training in sustainability related to the chemical sector. You are trained to think in systems, and how to lead transformative change processes.

3

IN 3 SEMESTERS TO THE MBA DEGREE

The MBA programme in Sustainable Chemistry Management is designed to support a balanced work-life-study dynamic, allowing you to complete your degree in just 18 months without interrupting your career, neglecting your personal life or losing your earnings.

4

MODULAR STUDY STRUCTURE

The modular study structure and our certificate programme offer flexible entry options, allowing you to customise your studies by taking individual modules in advance or spreading out the workload.

5

LEARNING FROM EXPERTS

Renowned international lecturers and practitioners enrich the programme with their wealth of experience, presenting course content from different perspectives and allowing you to benefit from their valuable insights into both research and practice.

6

PRACTICAL ORIENTATION

We cordially invite you to discuss current issues from your day-to-day work in the seminars. Bring the knowledge you have learned directly into your organisation by working on a real (partial) project for some of the exams. The integrated project work gives you the opportunity to practically apply your new theoretical knowledge as you acquire it.

7

LEARNING IN SMALL GROUPS

A maximum of 25 study places are allocated per programme start. Small study groups enable optimal supervision and a lively exchange within a cohort.

8

INDIVIDUAL SUPPORT

Throughout your studies, you will be personally supervised by the programme coordinator and supported in all matters relating to the organisation of your studies.

9

PERSONAL EXCHANGE AT EYE LEVEL

In addition to online events, the programme includes two attendance weeks that promote learning with and from each other on an equal footing. In our synchronous online formats, we also emphasise interaction and exchange, viewing them as key factors in enhancing the learning experience and broadening horizons.

10

RECOGNISED UNIVERSITY DEGREE

The MBA Sustainable Chemistry Management is an internationally recognised and accredited university degree and opens up the possibility of a PhD.

CONTACT



Programme Coordinator

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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 MBA Sustainable Chemistry Management 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

