

## Initiatives

### Partner Companies

Apart from its research collaborations with industry, the Faculty of Chemistry works hand in hand with several partner companies. These cooperation agreements enable students to experience a professional working environment and learn about the various possible career paths at an early stage, through work placement and the lecture series »Careers in Chemistry«. Our partnerorganisations range from large-scale chemical and pharmaceutical companies to regional businesses.



### Key Skills

The Faculty strives to integrate key skills required for professional life into its curriculum. From the first semester of the bachelor's programme until the doctoral process is completed, the respective courses and activities are part of the academic programme. A key skills plan has been drawn up to make the students understand which skills are taught at which stage, and to provide recommendations with regard to creating their individual profiles.

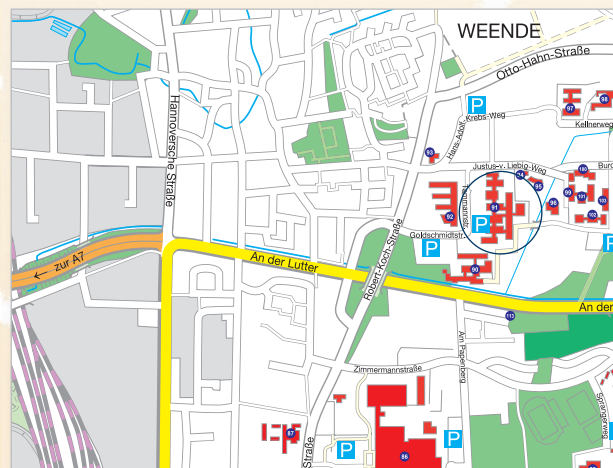
### Diversity is our advantage

We value the diversity that exists at our Faculty thanks to the different cultural, gender and social backgrounds of its students and staff members. It is our goal to make the Faculty an attractive place to work and study for everyone. Several measures are in place to improve work-life balance, gender equality, and work in international teams.

## We look forward to your request

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- ▶ *Departmental Student's Organisation (Fachschaft)*  
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- ▶ *Examination Office of the Faculties of Mathematics and the Natural Sciences*  
Goldschmidstraße 1 · 37077 Göttingen  
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[www.uni-goettingen.de/de/47955.html](http://www.uni-goettingen.de/de/47955.html)
- ▶ *Chemistry Museum*  
Tammannstraße 4 · 37077 Göttingen  
Phone: +49 551 39-33326  
[www.museum.chemie.uni-goettingen.de](http://www.museum.chemie.uni-goettingen.de)  
Access and guided tours by arrangement

How to find us:



GEORG-AUGUST-UNIVERSITÄT  
GÖTTINGEN



Master's  
degree programme  
Chemistry

## Content and structure

Students on the Master's degree programme at Göttingen can select from all the many facets of Chemistry. The programme is strongly research-oriented and offers an optimal grounding for doctoral studies. From the varied range of courses, a study programme can be built up from largely individual foci: This extends from a broad overview of Chemistry to profiles such as Catalytic Chemistry, Biomolecular Chemistry and Energy Transformation. Naturally, we are happy to advise you on these options. Chemistry at Göttingen – a degree programme of the highest level in the personal

atmosphere of a small yet broadly positioned faculty. The Chemistry Master's programme is a complex programme on a very high academic level, in which scientific knowledge is thoroughly broadened; the students gain knowledge of the methodology and exper-

imental skills necessary to solve demanding chemical problems. Both an individual specialisation in different areas of chemistry and a broad overview of chemistry are therefore possible. The programme also includes elements of professional qualification to acquire key skills. It is possible to complete parts of the programme abroad.

The Master's programme in Göttingen is characterised by its proximity to research and the faculty's excellence in research. Research is focused on »Functional

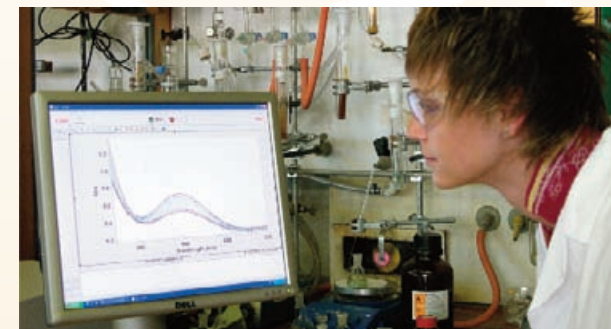
Sem. Σ C	Core subject studies »Chemistry« (78 C)						Professionalisation (12 C)	
	Modul	Modul	Modul	Modul	Modul	Modul	Modul	Modul
1. Σ 30 C	Modern Methods in Chemistry – Spectroscopy and Magnetism lecture	Modern Methods in Chemistry – Spectroscopy and Magnetism seminar	Methods in Organic Chemistry	Experimental Physical Chemistry – Kinetics	Chemical Dynamics at Surfaces	Bioinorganic Chemistry	Internship in Chemical or Pharmaceutical Industrie	
2. Σ 30 C	Biomolecular Chemistry	Supramolecular Coordination Chemistry	Organic Chemistry – practical course and advanced seminar	NMR for Structural Chemistry and Biology II			Scientific English for Natural Sciences	
3. Σ 30 C	Heterocyclic Chemistry	Biophysics and Physics of complex Systems	Practical research course – Physical Chemistry	Practical research course – Organic Chemistry	NMR für Strukturchemie und Strukturbioogie I	Practical research course – Inorganic Chemistry		
4.	Master-Thesis 30 C							

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Biomolecular Chemistry«, »Molecular Catalysis« and »Energy conversion – processes and materials«. Through a wide range of internships in the faculty's research groups, our students are able to participate in current research projects at an early stage.

## Language requirements

German on the level DSH-2 is required for application to the Master's programme. A sound knowledge of English (scientific English) is recommended. Guest students from abroad (e.g. Erasmus) can choose from a broad variety of lectures and practical courses given in English.



## At a glance

**Standard period of study:**

4 semesters

**Degree:**

Master of Science (B.Sc.)

**Start of programme:**

winter semester and summer semester

**Admission:**

Admission restricted, application with the Faculty (January, 15<sup>th</sup> for summer semester and July, 15<sup>th</sup> for winter semester)

**Advantages:**

- ▶ Study programme with individual foci
- ▶ Broad offer of courses to choose from
- ▶ Intensive contact and co-working with state of the art-research
- ▶ Excellent preparation for PhD-studies
- ▶ Personal atmosphere and competent advisory services