

Chemistry (MSc)

Master



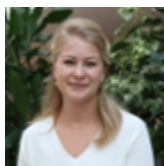
Universiteit
Leiden

Discover the world at Leiden University

Leiden University's MSc Chemistry programme is firmly rooted in the chemistry research carried out at the Leiden Institute of Chemistry (LIC). Research in the LIC concentrates on the two research areas of Chemical Biology (CB) and Energy & Sustainability (ES). These two areas guide the courses and research training projects offered in MSc Chemistry. An attractive feature of the Chemistry master at Leiden University is the great flexibility of the study programme, allowing students to tailor a programme based on their personal interests.

Yael Kerstholt

Alumna



I was mainly interested in the biological side of Chemistry: the chemistry of living systems. This was why the Chemistry Master in Leiden really appealed to me, as it offers a nice combination of chemistry and biology. During my Master program I deepened my knowledge of biochemistry, cell biology and immunology and I gained research experience during my research project and industry internship. I really enjoyed the master and it prepared me very well for my current job as a researcher in a biotech company that develops antibody therapies against cancer.

What does this master's programme entail?

Over the years, MSc Chemistry courses evolve along with LIC's research strategy and are adapted to developments in research areas at the forefront of science. The emphasis of the programme is on motivating and encouraging students to work as young academics and develop to their full potential. The two-year programme consists of 120 EC and offers four specialisations. Students spend 30 – 80 EC on research training projects, depending on their specialisation and use of electives.

Read more in [About the programme](#)

Our four specialisations

Work in one of the research themes to become an independent and creative scientist. You will learn to find solutions for complex societal problems as encountered in chemical biology or energy & sustainability.

The research specialisation in Chemistry offers the student the opportunity to spend two full years on training and specialisation to become not only an independent and creative researcher, but also someone who can use their analytical skills to resolve challenges in their career in science or in society. The majority of the

students from the research specialisation will continue their career in a PhD position.
The programme consists of:

- 60 EC research training project
- 6 EC academic development
- 24 EC core courses
- 6 EC specialisation-specific components
- 24 EC electives

The research training component is the core of the research specialisation and comprises at least 60 EC (one whole academic year).

Prepare for a career in teaching secondary education. After completion you obtain the qualifications to be a chemistry teacher.

The specialisation Education (EDU) prepares students for a career as a teacher qualified to teach in Dutch secondary education. The programme is designed to obtain the so-called “eerstegraads lesbevoegdheid” which qualifies for teaching at all levels in Dutch high schools. Students in the Chemistry programme are prepared for the school subject of 'scheikunde' (chemistry). The specialisation module comprises courses and teaching practice at a Dutch school for secondary education.

The programme consists of:

- 30 EC research training project
- 6 EC academic development
- 24 EC core courses
- 60 EC specialisation-specific components

Students who already have completed the minor Education in their BSc study only need 30 EC of the specialisation module. Of the remaining 30 EC, they are required to use at least 10 EC for their research training component. The final 20 EC is used as free elective space.

The language of the specialisation-specific components is Dutch. Apart from the general qualifications that apply for the MSc programme, applicants must provide proof of proficiency in Dutch (“Toelatingsexamen Universiteit Leiden – gevorderd, met spreekvaardigheid minimaal een 7.5”).

Combine research with programmes in different aspects of science communication, such as journalism.

The MSc specialisation in Science Communication and Society (SCS) offers students the opportunity to combine chemistry research training with programmes in different aspects of science communication, such as journalism, new media, museology and information visualisation. The programme prepares students for a career in popularisation of science, for example, as a science communicator, a science policymaker or a

public relations or health communication officer, or for a career as a scientist with a communicating mindset. The programme consists of:

- 30 EC research training project
- 6 EC academic development
- 24 EC core courses
- 20 EC electives
- 40 EC specialisation-specific components

This specialisation starts in September.

Combine training in chemistry with learning about business and entrepreneurship.

The business specialisation offers the opportunity to combine training in chemistry research with education in business and entrepreneurship. It enables science students to understand the fundamentals of business management and innovation. The emphasis is on science-driven organisations and on establishing new businesses based on the outcomes of scientific research. The BS programme is geared towards pursuing future career opportunities both in academia and in industry. About 40% of the former BS-students continued in a PhD position, where most of the others found employment in industry as a consultant or in a managerial position.

The programme consists of:

- 30 EC research training project
- 6 EC academic development
- 24 EC core courses
- 20 EC electives
- 40 EC specialisation-specific components

The specialisation is open to students from MSc programmes from the Faculty of Science and the MSc programme in Biomedical Sciences of the Faculty of Medicine (LUMC). This specialisation starts in September and February.

About the programme

Want to know more about the courses we offer, the research areas we focus on, and the specialisations you can follow? Read more in [About the programme](#).

Discover why our students choose the Chemistry master's programme

Due to the selected cookie settings, we cannot show this video here.

[Watch the video on the original website or](#)

[Accept cookies](#)

Why study Chemistry at Leiden University?

- Our MSc Chemistry programme is highly flexible: you can tailor your programme to your ambitions and interests within the research areas Chemical Biology or Energy & Sustainability.
- You work and study in a vibrant chemistry institute, where talented students and experienced staff work side by side to discover and develop solutions for healthy living in a sustainable society.
- During your studies, you will be part of a multidisciplinary research team of internationally renowned researchers in which you will carry out your MSc research project. Join our world-class electrochemistry group to contribute to sustainable energy, or our leading interdisciplinary research teams in chemical biology, using chemical tools to study disease-related problems.
- You will be personally mentored by one of our research group leaders during your studies.

Find more reasons to choose [Chemistry at Leiden University](#).

Chemistry: the right master's programme for you?

Research in the Leiden Institute of Chemistry (LIC) covers a wide range of topics and expertise, ranging from physical and theoretical chemistry in ES to organic synthesis and molecular cell biology in CB.

If you want to contribute to a more sustainable world, the research area 'Energy & Sustainability' within the MSc Chemistry programme might be the right choice for you. Research in ES is aimed at obtaining fundamental understanding of matter in relation to the transition toward sustainable energy production, including artificial photosynthesis and electrolysis for a hydrogen-based society. The LIC houses a large, and one of the most famous and successful electrochemistry groups in the world. The study of interactions of atoms with metal surfaces is a central theme in this research, approached experimentally as well as with computational methods.

Of the various MSc programmes at Leiden University related to the study of health and disease, the MSc Chemistry – within the research area 'Chemical Biology' – is the right programme for you if you are interested in gaining insight at the molecular level, and want to do research with a strong focus on the design and synthesis of new molecules that can be used as drugs or biomarkers for the treatment or study of diseases. MSc LST and MSc Chemistry students meet each other in this Chemical Biology research area: LST and Chemistry students work on the same scientific problem in various research groups. While chemistry students usually focus on the molecular level by synthesising new biomarkers or drugs, LST students typically work at the cellular level testing these drugs or markers in different cell lines to investigate their toxicity or effectiveness.

The MSc Chemistry is open for students with a BSc degree in Molecular Science & Technology, an internationally recognised BSc degree in chemistry, or a Bachelor of Science degree with a major in chemistry. It is the right MSc programme for you if you are interested in fundamental chemistry and applied research. You will be trained for a career inside or outside academia. You can also opt for a specialisation combining one year of Chemistry research and courses with up to one year of training in business, communication or education.

Read more about the [entry requirements for Chemistry](#).

Chat with a student

Do you have a question about studying at Leiden University or student life in Leiden? Do you want more information about the Chemistry programme? Chat with a current student for answers to your questions!

Why Leiden University?

The Leiden Institute of Chemistry (LIC) offers a unique tailor-made programme in Chemistry. You can customize the programme to your own interests and ambitions with the help of your own personal mentor. Your study will focus on either Chemical Biology or Energy & Sustainability. During the Master's you will be part of one of the multidisciplinary research teams in the LIC.

Research in Energy & Sustainability

Energy & Sustainability (E&S) researchers focus on a fundamental level on chemical reactions important for the sustainable and efficient production and storage of energy. They also look at ways to reuse the stored energy at a later point in time. To this end, our researchers apply advanced spectroscopic techniques, nano-imaging, inorganic synthesis, theoretical methods and homogeneous, heterogeneous, photochemical or electrochemical catalysis to elucidate the molecular processes underlying conversion of solar energy into chemical energy.

Research in Chemical Biology

Within the Chemical Biology (CB) theme, researchers take a chemical approach seeking solutions to biological issues, such as the study of the biological processes behind diseases. The researchers strive for a better molecular understanding of the biological processes leading to hereditary disorders or neurodegenerative diseases. Our chemists collaborate with researchers at LUMC and other institutes within the Faculty of Science, such as the LACDR.

LIC's expertise attracts the attention of drug development companies, which are particularly interested in the methods developed by LIC researchers to study biological processes in disease and in health, including in the presence of potential drugs. With this knowledge they hope to accelerate the drug-development process, as well as develop new, specific diagnostic methods.

Access to top research facilities

The Leiden Institute of Chemistry has access to a number of key facilities that enable our research groups, and thus students, to carry out their innovative research. LIC researchers have access to a Cell Observatory with various (electron) microscopes, an NMR Facility with seven spectrometers ranging from 300 to 850 MHz and options for paramagnetic or solid-state NMR, a crystallisation facility (Crystal Cave) with instruments to perform high-throughput crystallisation screening in 96-well format, and peptide synthesisers. [Read more about the facilities](#)

Faculty of Science

The Faculty of Science is a first-class research faculty with an excellent position in the basic disciplines of science. The current research and education programmes span the entire spectrum of science ranging from Mathematics and Statistical Science, Computer Science and Data Science, Astrophysics, Physics, Chemistry and Bio-Pharmaceutical Sciences to Biology and Environmental Sciences. Our science community is driven

by their curiosity and desire to increase basic knowledge, for science and to contribute to the great societal challenges of today and tomorrow. Core values are scientific impact, technological innovation and relevance to society.

Study at a world-class university

Leiden University is the oldest university in the Netherlands and enjoys an excellent worldwide reputation built up over more than four centuries. Since 1575 we've provided sound personal education for hundreds of thousands of students. We'll do our utmost to give you the best possible support. And if you can and want to do more, we'll challenge you every step of the way. For many years, we've been among the leaders in Dutch university rankings and we are currently to be found in a variety of [top international rankings](#) too.

[More reasons to choose Leiden University](#)

The Chemistry and Education master specialisation gives you the opportunity to combine fundamental chemistry studies with an excellent education in becoming a Chemistry teacher.

The **Leiden University Graduate School of Teaching (ICLON)** connects theory and practice of teaching through the application of academic knowledge to issues of classroom practice. Also, issues of practice form the starting point for research in, and development of, secondary education. ICLON has close collaboration with secondary schools within the area where your practical experience is gained. You receive one-on-one guidance but you will also meet with colleagues from different disciplines, each with their own knowledge and experience. This provides you with a broad view on education. For more information please visit the [ICLON website](#).

The Chemistry and SCS master specialisation gives you the opportunity to combine a fundamental Chemistry study with different aspects of science communication.

Within the institute we study and teach science communication. Our research programme is aimed at improving science communication with the central themes 'Authenticity in informal learning' and 'Bridging the gap between experts and the general public'. Our master's specialisation enables you to bring together your field of science and society. For more information please visit the [SCS website](#).

Combine fundamental Chemistry research with different aspects of business studies. Learn to build bridges between science and business.

The **Business Studies specialisation** is the management track. We offer you small-scale, interactive teaching that is analytically rigorous and connected to management practice.

The Management track is for students who consider employment opportunities in industry, and who are looking to acquire knowledge of business principles and training in managerial skills. The track provides an introduction to general management theory and practice.

About the programme

An attractive feature of the MSc Chemistry programme at Leiden University is the great flexibility of the study programme, allowing students to put together a tailor-made programme following their personal

interests. Within the limits set by the programme, students can make their own choices and adjust them during the course of the MSc study. Research in the Leiden Institute of Chemistry (LIC) covers a wide range of topics and expertise, ranging from physical and theoretical chemistry to organic synthesis and molecular cell biology.

Chemistry-specific components

Central to the MSc programme is the research training project. In the research training project, the student is part of a research group for at least five months and not only learns specific practical skills, but also grows into an independent researcher by learning to plan work, analyse data, report and discuss results with different audiences, troubleshoot and solve problems and act as a team member. The major research training project is carried out in an LIC research group in the chosen research area (Chemical Biology or Energy & Sustainability). For students in the research specialisation, the major research project consists of a minimum of 40 EC and a maximum of 60 EC; students in the other three specialisations do a research project of at least 30 EC. Optional minor research projects are at least 20 EC. A minor training project can be carried out in a different LIC research group than the major research project, in a different research area, a different institute (within the Netherlands or abroad), or in a company.

The compulsory theoretical component of the MSc programme includes courses on academic skills (Academic Writing and an elective). Students choose at least four out of eight core courses in the chosen research area and have up to 24 EC of electives, depending on their specialisation. Electives may consist of theoretical or practical courses or an extension of the duration of a research project with a maximum of 20 EC and within the limits set by the programme. Electives can be chosen from the core courses within or outside the chosen research area, approved elective MSc courses offered by the LIC or other MSc programmes in the Leiden University Faculty of Science, or MSc courses offered in a Science Faculty of any Dutch or foreign university.

Educational methods

- Lectures
 - Project groups
 - Working group
 - Literature study
 - Writing of essays
 - Colloquium
 - Lab work
 - Presentations
-
- Chemical Biology
 - Computational Techniques for Chemical Biology
 - Enzyme Dynamics: NMR Spectroscopy and Kinetics
 - Medicinal Chemistry & Drug Discovery
 - Modern Organic Chemistry
 - Molecular Cell Biology
 - Reactivity in Organic Chemistry
 - Supramolecular Chemistry
-
- Computational Chemistry and Molecular Simulations
 - Density Functional Theory in Practice
 - Electrochemistry

- Heterogeneous Catalysis
- Organometallic Chemistry & Homogeneous Catalysis
- Photochemistry
- Photosynthesis & Bioenergy
- Surface Science

Specialisation-specific components

The specialisation-specific component for the research specialisation consists of the essay and colloquium (6 EC). With this component, students have to show that they are able to find and digest relevant literature on a topic not related to their MSc research project, write a review of the material in their own words, including their personal view and potential future prospects. The student then presents this essay for fellow students and an independent jury. More information can be found in [the Prospectus](#).

The education part of this specialisation is organised by the Leiden University Graduate School of Teaching (ICLON). The 60 EC education component can best be started in September. For students who have taken a minor in Education (“tweedegraadsbevoegdheid”) of 30 EC in the BSc programme, only 30 EC are necessary in the MSc programme to obtain the “eerstegraadsbevoegdheid”; then 30 EC electives are added to the programme of the MSc Chemistry. Students are required to finish all Chemistry components before the start of their education component. Exceptions to this obligatory sequence can only be granted by the Board of Examiners.

The specialisation-specific components consist of:

- Teaching Practice 1 & 2
- Pedagogy in Practice 1 & 2
- Teaching Methodology 1 & 2
- Adolescent Development (ICLON)
- Subject-specific research project
- Electives:
Innovations in School
Adolescent Development 2
Subject-specific research project 2
World Teachers

More information can be found on the [ICLON website](#) and in [the Prospectus](#).

The specialisation-specific components are offered by lecturers in Science Communication & Society (SCS); this specialisation is open to students from MSc programmes from the Faculty of Science and the MSc programme in Biomedical Sciences of the Faculty of Medicine (LUMC). Preferably, the BSc programme has included some coursework in communication. The primary focus in this specialisation is on science communication in the Netherlands, and students explore various aspects of professional science communication. A minimum of 40 EC and a maximum of 60 EC of SCS components is required to complete the SCS specialisation.

The specialisation-specific components comprise:

- Informal Science Education (4 EC)
- Policy & Development in science and Society (4 EC)
- Research in science communication (4EC)
- Science Journalism (4 EC)
- Science Communication product development (4 EC)
- Scientific Narration and Visualisation (3 EC)
- one or more SCS internships (14-34 EC) with corresponding project proposals (3 EC).
- SCS electives are limited to 10 EC.

The internship will be in the field of science communication (e.g. science journalism, museology, new media, health communication). The total internship period may consist of one internship, or can be divided into 2 smaller internships. Each internship includes a written report and an oral presentation. The total internship period includes a minimum of 10 EC of research in science communication. The choice of internships should be approved beforehand by the coordinator of the specialisation. A plan for the optional SCS elective (e.g. book exam, product development) should be approved beforehand by the SCS coordinator.

More information can be found on the [SCS website](#) and in [the Prospectus](#).

The Business Studies specialisation is offered by the department of Science-Based Business. The objective of the specialisation is to teach students basic analytical frameworks and skills to analyse business-related problems and to contribute to managerial decision making within the context of established knowledge-intensive organisations or new technology ventures. This specialisation is for science students who consider employment opportunities in industry, and who are looking to acquire knowledge of business principles and training in managerial skills. A minimum of 40 EC and a maximum of 60 EC of BS components is required to complete the BS specialisation.

The specialisation-specific components for this track consist of:

- Strategy and Technology (5 EC)
- Strategic Financial Management (3 EC)
- Marketing Science (3 EC)
- Operations Management (4 EC)
- Research Methods (5 EC)
- Business Internship (20, 30 or 40 EC)

In addition a number of electives are offered, such as ‘Accounting’, ‘Entrepreneurship’ or ‘Business Intelligence’.

More information and registration instructions for Business Studies is available on the [BS website](#) and in [the Prospectus](#). The BS courses start twice a year in September and February.

Study guidance

At the beginning of the programme you choose a mentor. The mentor is your personal coach throughout the MSc programme and is usually the supervisor of your major research project. An online master planner helps you to build your programme and can be used for monitoring by your mentor and study adviser. Most students spend their first year on courses and their second year on their research project or projects. During your MSc programme, you will join one of the research groups and receive the necessary guidance to become an independent scientist. Most students spend their first year on courses and their second year on their research project or projects.

Programme structure

In the MSc Chemistry programme you will focus your studies on one of LIC's two main research areas, Chemical Biology or Energy & Sustainability, and one specialisation.

Structure

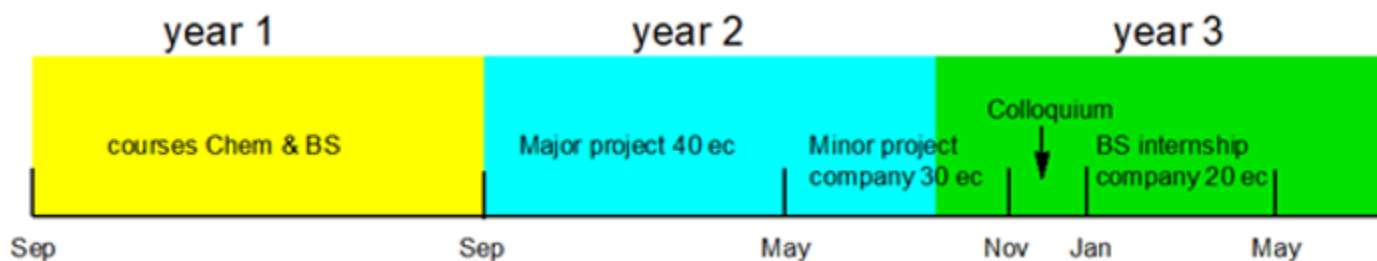
The emphasis of MSc Chemistry is on motivating and encouraging students to work as young academics and develop to their full potential. The two-year programme consists of 120 EC and offers four specialisations. Students can also follow a double specialisation of 150 – 180 EC, depending on the specific combination.

The table below gives an overview of credit distribution in the different specialisations.

	Research	EDU	SCS	BS
Research Training Project	60	30/40	30	30
Academic Development	6	6	6	6
Core Courses	24	24	24	24
Elective Courses	24	0/20	20	20
Specialisation-Specific Components	6	60/30	40	40
Total	120	120	120	120

Multiple specialisations

In the MSc Chemistry programme, students have the opportunity to do multiple specialisations. Most students spend their first year on courses and their second year on their research project or projects. Students should contact the study adviser and/or discuss with their mentor how to combine multiple specialisations. An example of a student's programme with a double specialisation in Research and Business studies (160 EC) is shown in the image below.



Extra-curricular

Are you interested in taking up an extra challenge during your master's programme?

Master Honours Education

Are you a curious and motivated master's student? The Honours Academy of Leiden University offers various kinds of extracurricular education, ranging from long-running programmes to short-term courses.

Leiden Leadership Programme

Are you interested in a leadership challenge? Join the [Leiden Leadership Programme](#) (LLP). This one-year programme will equip you with the leadership knowledge, insights and skills you need to increase your societal impact. You further your personal development through trainings, seminars and a practical assignment within an organisation, in which you learn to cooperate intensively with other professionals. With the LLP, you earn 15 EC in addition to your regular master's degree.

Master Honours Classes & Challenges

Would you like to further develop your academic skills and societal awareness? Join one of our [Master Honours Classes & Challenges](#). In a small-scale, interdisciplinary course, you will tackle a complex issue for society or for a specific partner organisation. You will learn about the latest scientific insights concerning the topic and cooperate in a practical setting, together with students from many different backgrounds. There are Master Honours Classes on offer for 5 or 10 EC.

Study abroad

Within the tailor-made construction of the programme students get the opportunity to study abroad. You will have the option to follow elective courses abroad or conduct your research project in an industrial research laboratory or at a university abroad.

National Graduate Schools

The Leiden Institute of Chemistry Participates in three National Graduate Schools with other universities. The Graduate Schools are designed for talented students who focus on a future PhD track. Talented students can apply for admission to one of these Graduate Schools:

- Sustainability: the Molecular approach (universities of Leiden, Amsterdam and the Free university of Amsterdam). hrsmc.nl/gp-hrsmc.nl
- Netherlands Research School of Chemical Biology (universities of Leiden, Groningen, Nijmegen & Eindhoven). nrschb.nl
- Netherlands Magnetic Resonance Research School (universities of Leiden, Nijmegen, Utrecht, Eindhoven & Wageningen). nmr-nl.org

[Read more about the National Graduate School](#)

Plus programme World Teachers Programme

The World Teachers Programme is a specialised track of the [master](#) at ICLON Leiden Graduate School of Teaching, geared towards bilingual and international education. As a WTP teacher, you will:

- Complete extra assignments
- Attend tailored workshops on content and language integrated learning (CLIL) and other features of this particular educational context
- Follow most of the master's programme in English
- Spend 3-4 weeks at a school in another country during the International Internship
- Need to master concepts and skills that allow you to help your pupils to learn both the content and the language of your subject.

The WTP only starts in august and candidates will be invited for a WTP intake interview.

Career prospects

With a MSc in Chemistry you are well prepared for a wide range of career opportunities. The chemical industry is one of the largest contributors to economic prosperity worldwide.

Acquired skills and competence

All students are trained as a chemist, with a strong focus on independent academic and analytical thinking. They also participate in a series of compulsory components, namely core theoretical subjects, research training and academic skills. This set of compulsory components ensures that all MSc Chemistry students acquire a set of common learning outcomes, regardless of their chosen specialisation. These learning outcomes include knowledge and understanding of theoretical concepts of Chemistry from textbooks and primary literature related to the research area “Chemical Biology” or “Energy & Sustainability” and the ability to plan chemical research and conduct experiments within an appropriate time frame. In addition, students have developed an appropriate critical scientific attitude, i.e. the ability to analyse results and critically evaluate their validity and accuracy, as well as the ability to communicate the progress and results of chemical research to colleagues, supervisors and experts.

Career

After completing the MSc Chemistry programme, you will have a wide range of career options. All students with a Master of Science degree in Chemistry are admissible to a PhD programme. If you have a desire to apply your knowledge of chemistry outside the university, there are excellent job opportunities in Research & Development departments in industry, business, public utility companies, education, consultancy and government agencies. Many students eventually reach senior management positions.

- Consultant at McKinsey & Company
- Account Manager (FR) @ 3D Hubs
- Quality Assurance Officer at Centrafarm
- Business Manager at ALTEN
- Sales Execution Coordinator Retail NL at The Kraft Heinz Company
- Research Engineer at BASF
- Research Analyst at Antoni van Leeuwenhoek
- ECP Associate R&D at Avery Dennison
- Chemist at MariPharm
- Strategy Consultant at Monitor Deloitte
- Marketing Manager at LUMICKS

- Junior adviser Circular Economy at Tauw Nederland
- Intern Maintenance Planner at SABIC
- Consultant Safety and Environment at Antea Group NL
- Sales Support Intern at Merck Group
- Analytical Services Manager bij Eurofins Environment
- Science-based Targets analyst at CDP
- Medical Affairs Officer at Servier Nederland Pharma
- Formulation scientist bij SeraNovo B.V.
- Customs and Inbound Shipping Coordinator at DSM
- (Web)redacteur bij Koninklijke Nederlandse Chemische Vereniging-KNCV
- Executive Vice President Technology and Chief Technology Officer at Shell
- Account Manager at Astellas Pharma
- Patent Attorney at Danone Nutricia Research
- Environmental Specialist at Ministry of Defense NL
- Head of IP Portfolio management Philips
- Lawyer, Patent Attorney at Procter & Gamble
- Senior chemist at DSM NeoResins+

The Research in Chemistry specialisation is the excellent preparation to start a PhD track. You are trained for a career in research. There are also excellent job opportunities outside academia.

Acquired skills and competence

After graduating you will have excellent knowledge of fundamental Chemistry and highly developed research skills. You will be a creative and independent scientist who is ready to continue in research. You have developed skills and knowledge to contribute in Research and Development departments in industrial as well as non-profit organisations.

After graduation you have a lot of opportunities: academics are highly sought after in Dutch secondary education or mbo teaching. You can also aim for a management position or work as a researcher within the field of Chemistry.

Acquired skills and competence

The Master of Science programme guarantees thorough research training founded on a sound theoretical basis. After graduating you have excellent knowledge of fundamental Chemistry and have developed research skills. Moreover you have obtained the skills and knowledge to apply your Chemistry background to issues of classroom practice.

After graduation you have a lot of opportunities: the field of science communication is very broad. You can also aim for a career in industry or research.

Acquired skills and competence

The Master of Science programme guarantees thorough research training founded on a sound theoretical basis. After graduating you have excellent knowledge of fundamental Chemistry and highly developed research skills. Moreover you have obtained the skills and knowledge to apply your Chemistry background to SCS careers. Some examples of career at the interface of science and public affairs are: science writer, science policymaker, public relations officer or research scientist with particular communication skills.

Many students receive their first job offer during or right after their Business Studies internship. After graduation you can also aim for a career in Chemistry research.

Acquired skills and competence

As a science student you have been trained to develop analytical skills, the attitude for problem solving and the ability to learn quickly as well as to apply creative thinking. This rather unique skill set is necessary to become a good researcher. At the same time, these qualifications are also valuable for industry and business. Many companies are looking for science graduates who will be able to fulfil challenging jobs requiring the above mentioned skills.

Career preparation

Leiden University offers several services related to career orientation and job search and application skills.

Career Orientation & Competence Reflection

During the two years of the MSc programme, a number of different activities are offered to help students with their career orientation. These activities include alumni events (e.g. lectures, speed-dating), workshops offered by the Career Service, self-assessment and self-reflection tasks, participation in excursions to companies and visits to career fairs such as the Science Career Event. All students take a self-assessment test at the beginning of their programme, write a self-reflection after their major research project and participate in the 'CV and cover letter' workshop at the end of their studies. In addition, during their studies, students attend at least six of the workshops offered or other activities that are organised by the programme, the study association CDL, the Career Service or other partners, within the limits specified by the programme. This career orientation component helps students understand what they are good at, what they consider important and what they would enjoy in their future jobs.

Science Career Service

Are you looking for career advice? Get in touch with our science career advisor. The Science Career Service supports students of the Science Faculty in their career orientation and making effective career decisions during their study. We offer services such as consultation hours, individual appointments with the career counselor and advice on your CV or motivation letter.

Science Career Event

Whether you are actively looking forward to meet interesting employers, or even if you have no idea what your career will look like yet, the Science Career Event gives you a chance to speak with a large number of employers. Every year the Science Career Event is organized by students of the Faculty of Science. During this event you can get your resume checked, participate in a workshop or speed date with a potential employer to discuss possibilities in the near future. The Science Career Event is the ideal day to orient yourself on career possibilities.

The Mentor Network

If you have questions about the job market, you can get in touch with Leiden alumni who are happy to offer their advice. On the Mentor Network platform you can view the profiles of around 650 alumni. Once you have found someone you would like to contact for advice, you can send him or her a request for assistance.

Science Communication & Society internship

During your SCS internship you will get a good idea of what the field of science communication looks like. We encourage our students to attend professional science communication conferences and events, to get to know the field even better and to build their professional network.

Master's application and admission

Find out how to apply for Chemistry at Leiden University by following our step-by-step guide.

Step-by-step guide

This guide clearly explains the steps you need to take to apply, and the subsequent admission process.

- Step 1: [Check the admission requirements.](#)
- Step 2: [Check the application deadlines.](#)
- Step 3: [Collect the required documents.](#)
- Step 4: [Start your application.](#)
- Step 5: [Pay your tuition fees](#)
- Step 6: [Prepare for your studies at Leiden University](#)

Admission requirements

To be eligible for Chemistry at Leiden University, you must meet the following admission requirements.

Diploma requirements

You are eligible to apply if you have

1. a BSc degree in Molecular Science and Technology (MST) or a BSc in Chemistry from any research university in the Netherlands.
OR
2. a bachelor's degree in an MST- or Chemistry-related programme from a research university in the Netherlands, under the condition that you have accumulated at least 150 EC in courses/projects belonging to the domain of Chemistry.
The Board of Admissions will assess whether your degree and background are sufficiently related.

If you do not meet the requirements above, you may still submit a request to the Board of Admissions. The board then reviews whether you demonstrate the academic ability to mitigate such a deficiency. The following matters will be reviewed:

- the average final grade of your obtained degree (at least 7.5 in the Dutch grading system) and
- your research project/internship grade (at least 8.0 in the Dutch grading system)

- letter(s) of recommendation (see [required documents](#))

For more information, please contact the [Chemistry study advisor](#).

If you have a degree in Dutch higher vocational education (hbo) in a Molecular Science and Technology- or Chemistry-related field of science, you are eligible to apply under the condition that you have

- accumulated at least 150 EC (or the equivalence thereof) in courses/projects belonging to the domain of Chemistry, and
- obtained your hbo degree with an average final grade of at least 7.5, and
- a research project/internship grade of at least 8.0

Please also submit letter(s) of recommendation (see [required documents](#)).

The Board of Admissions will assess whether your degree and background are sufficiently related to the level and content of the Dutch BSc degree in Molecular Science and Technology or Chemistry and, if applicable, whether you meet the additional requirements.

For more information, please contact the [Chemistry study advisor](#).

If you have a Molecular Science and Technology- or Chemistry-related programme from a foreign research university with a level similar to Dutch universities, you are eligible to apply under the condition that you have accumulated at least 150 EC in courses/projects belonging to the domain of Chemistry.

The Board of Admissions will assess whether your degree and background are sufficiently related.

If you do not meet the requirements above, you may still submit a request to the Board of Admissions. The board then reviews whether you demonstrate the academic ability to mitigate such a deficiency. The following matters will be reviewed:

- the average final grade of your obtained degree (at least 7.5 in the Dutch grading system) and
- your research project/internship grade (at least 8.0 in the Dutch grading system)
- letter(s) of recommendation (see [required documents](#))

For more information, please contact the [Chemistry study advisor](#).

Language requirements

In order to successfully participate in this programme, you must be proficient in English. The following requirements apply*:

- IELTS: minimum 6.5, with a minimum of 6.0 for each of the components Listening, Reading, Writing and Speaking

- TOEFL: internet based 90, with a minimum of 20 for each of the components Listening, Reading, Writing and Speaking

The test result may not be older than two years at the time of enrolment for the programme.

*Please note: You do **not** have to submit proof of proficiency if you have

- An International Baccalaureate diploma from a programme taught in English (or an IB diploma with “English A”);
- A diploma of secondary or higher education completed in Australia, Canada (with the exception of French-language programmes in Canada), Ireland, Malta, New Zealand, Singapore, the United Kingdom, the United States or South Africa;
- A diploma of an English-taught university degree programme completed at a Dutch research university;
- A Dutch pre-university education (vwo) diploma.

For detailed information about which English qualifications are accepted, as well as the relevant exemption criteria, refer to [English language proficiency](#).

The following requirements apply:

- [IELTS](#) Academic modules only, on paper or on computer: 6.5 overall, with at least 6.0 for each separate component score.
 - We do **not** accept [IELTS Academic online](#).
 - We do **not** accept IELTS General Training or IELTS Indicator.
- [TOEFL](#) internet based: 90 overall, with at least 20 for each separate component.
 - We are **not** able to accept The TOEFL IBT Home Edition™, except in the following situations only:
You took the test before 1 Sept 2022 (and it is not more than 2 years old), or you are unable to take an in-person test on location because test centres are inaccessible or closed due to unsafe conditions in a country.
 - We do **not** accept the following types of test: TOEFL My Best™ scores (multiple test scores combined), TOEFL Essentials™ or institutional tests such as ITP.
- [Cambridge English Exam](#) C2 Proficiency, or C1 Advanced (180), with a minimum score of 169 for each separate component.

Note that English test results may **not** be more than two years old.

You do not have to submit an English proficiency test if you have completed your education in the USA, UK, Ireland, New Zealand, Australia, Canada (except French-taught programmes in Canada) Singapore, South-Africa or Malta; or if you have obtained an English-taught International Baccalaureate™; or if you have completed a Dutch VWO diploma or an English-taught bachelor at a Dutch research university.

For detailed information, including exemption criteria and methods of submission, refer to [English language proficiency](#).

The education component of this master's programme is taught in Dutch. All applicants that have not achieved a Secondary Education qualification in the Netherlands, have to demonstrate their Dutch communication skills. The level of Dutch is assessed through an advanced Dutch language exam. For more information about the exam: [Admission Exam TUL Advanced](#).

A Dutch as a Second Language Certificate (Certificaat Nederlands als Vreemde Taal) at Educatief Startbekwaam or Educatief Professioneel level is also sufficient to meet the language requirement.

Mind: after completion of the Education specialisation you obtain a qualifications to be a teacher in the Netherlands.

We expect students to bring a regular laptop running Windows (or running Linux for certain study programmes – check your course information). MacOS may in most cases also suffice (with Parallels for Windows installed), but not all specialized applications may be supported, and less support may be available.

- Windows 11 compatible – 64-bits (or Linux for some study programmes)
- Processor/CPU – modern, medium range
- Memory/RAM – 8 GB, if possible 16 GB
- Storage – 512 GB, if possible 1 TB

We expect students to bring a regular laptop running Windows (or running Linux for certain study programmes – check your course information). MacOS may in most cases also suffice (with Parallels for Windows installed), but not all specialized applications may be supported, and less support may be available.

- Windows 11 compatible – 64-bits (or Linux for some study programmes)
- Processor/CPU – modern, medium range
- Memory/RAM – 8 GB, if possible 16 GB
- Storage – 512 GB, if possible 1 TB

[>> Go to the next step: Check the application deadlines](#)

Application deadlines

Application deadlines

- If you need a visa or residence permit, you must apply for admission before **1 April**. The same deadline applies to students who already have a Dutch residence permit for study purposes and need to extend it.
- If you do not need a visa or residence permit, you must apply for admission before **15 May**.
- If you need a visa or residence permit, you must apply for admission before **15 October**.
- If you do not need a visa or residence permit, you must apply for admission before **15 November**.

Apply early!

If you do not have a Dutch diploma that grants direct admission or you need to meet additional admission criteria, you'll have to complete a two-part application procedure:

- First register your application(s) in the national system Studielink.
- A day later you will receive log-in details for Leiden University's application system (uSis), where you can complete your application.

You must submit your application via Leiden University's application system (uSis), before the deadlines mentioned above. So don't delay; if you haven't registered in Studielink and activated your uSis account in time to apply by the deadline, you'll miss out!

Other deadlines

Leiden University reserves a limited number of rooms each year for international students. However, as the number of housing requests always greatly exceeds the number of rooms available, we strongly recommend that you also look into other housing options at the same time. [Read more about how and when to arrange housing](#). If you want to request accommodation via Leiden University, submit both your application for admission and your housing request well before the deadlines! Accommodation is offered on a first-come first-served basis and is not guaranteed. You don't have to await admission before requesting housing.

If you want to apply for a scholarship, grant or loan, please bear in mind that different deadlines apply, and these deadlines can often be earlier. Deadlines vary per scholarship. Visit the [scholarship website](#) for more details.

[>> Go to the next step: Collect the required documents](#)

Required documents

When you apply for admission, you'll be asked to submit several documents.

Note: If you have a Dutch diploma that grants direct admission, you will generally *not* be asked to submit additional documents.

Required application documents

You'll need to submit the following documents:

Please upload a copy of the page(s) in your passport containing your personal details and photograph. If you are from the EU/EEA, you can submit a copy of your identity card instead. Please upload copies of both sides.

If you are a non-EU/EEA national already living in the Netherlands, upload copies of both sides of your Dutch residence permit.

Your CV (curriculum vitae) must be written in English and should contain your basic personal data, as well as a clear overview of your educational and professional history to date.

You can apply for admission before receiving the results of your English language test. However, a sufficient result will then be a condition of your eventual admission. Of course, if you already have your English language test results, you can upload them directly.

- Digital copies of diplomas and transcripts are initially required. Once you have been admitted, we will inform you how to submit certified copies.
- The documents must be in the original language. If they are not in English, Dutch, German or French, they must be accompanied by official translations into one of these languages.
- If you have not yet completed your current programme, state your expected graduation date and submit copies of all transcripts obtained to date plus a list of subjects still to be completed.

The students who do not come from Chemistry or MST bachelor's programmes and/or who do not have 150 EC in Chemistry-related courses have to provide a recommendation letter, preferably by the internship supervisor.

Moreover, students who obtained their BSc diploma at a University of Applied Sciences should additionally submit a letter of recommendation by the mentor ('studieloopbaanbegeleider') of the BAS programme.

Additional documents for this programme:

In the placement letter you are asked to explain in writing that you possess the same level of knowledge, understanding and skills as applicants who are holding a Bachelor's degree in Molecular Science and Technology (MST) or Chemistry, or a MST- or Chemistry-related programme from a research university in the Netherlands. You can find this programme via the [following link](#).

We advise you to give a schematic overview/comparison between your degree/programme and this programme in 1-2 pages maximum (font: Arial 11 pt).

Documents for a scholarship

*Please note that if you would like to apply for a **scholarship** with this programme, you may need to upload additional documents with your application. Please inform yourself [here](#).*

[>> Go to the next step: Step 4: Start your application](#)

- Letters of recommendation must be written on letterhead paper, signed and (for verification purposes) they must bear the full contact details of the applicable referee.

- Your referee should describe your skills, qualities and competencies.

Option 1. Uploading the letter yourself

You can upload the letter(s) of recommendation in the online application portal (uSis).

Option 2. Sent by your referee

Your referee can send the letter directly to the university, as follows:

1. Your referee must clearly state your name and student number in the letter.
2. He or she should send the letter to us, either:
 - digitally, by uploading the letter in our [contact form](#)
 - by posting it to:

*Leiden University Admissions Office
"Gravensteen" Pieterskerkhof 6
2311 SR Leiden, the Netherlands*

3. Complete [this form](#) and upload it in the online application system (uSis), instead of your letter of recommendation.

Application procedure

The application procedure is broken down into three parts.

Part 1. Application in Studielink

All students applying for a degree programme at Leiden University must start the application process in Studielink, the national online registration system for students wishing to follow a degree programme at a Dutch university. Studielink is open for applications from 1 October in the year preceding the academic year in which you wish to start.

1. Go to [Studielink](#) and enter your details according to the instructions provided. For this step you will need:
 - a copy of your valid passport or European ID card, or
 - if you are a Dutch resident, your [DigiD](#)

Be aware! If you wish to apply for a specialisation of a master's programme: first select the master's programme in Studielink, then select the specialisation for which you wish to apply in Step 4 (Institutional

Questions) in Studielink.

2. Within two days you will receive:

- an email with information on the next steps you'll need to take;
- your university ULCN student account details (unless, of course, you already have a ULCN account)
- the link to Leiden University's online application portal (uSis)

After receiving your ULCN student account details, log into Leiden University's online application portal (uSis), using the link provided. Here you can view the status of your application, which will be one of two possibilities.

1. You can be directly admitted

If your (Dutch) diploma grants you direct admission, Leiden University's online application portal (uSis) will let you know. The portal provides an overview of what you have to do to complete your application, for example arranging housing, scholarships, applying for a visa/residence permit and insurances. Please follow the instructions carefully and proceed to step 3 Student registration.

2. You cannot be directly admitted: additional action is required

If you do not have a (Dutch) diploma that grants you direct admission, we will require additional documents to allow us to decide about your application. The online application portal (uSis) will tell you this and explain how to do so. See also Part 2: Admission to Leiden University.

Part 2. Admission to Leiden University

If you cannot be directly admitted, you must apply for admission via Leiden University's online application portal (uSis). Please follow all steps below.

In our online application portal (uSis) you can finalise your application by uploading the necessary documents and answering a few questions. This portal provides an overview of what you need to do to complete your admission application. Please follow the instructions carefully and make sure to include all the items that are asked for. We strongly recommend that you complete your application well in advance of the application deadline.

All applicants with an international degree must pay a **non-refundable** €100 application fee, which entitles you to apply for up to three programmes/specialisations in the same academic year. We cannot start processing your application until we receive this application fee, so please pay it as soon as possible. The online application system explains how you can pay it.

Can I be exempted from paying the application fee?

You do *not* have to pay the application fee if:

- You are following, or have completed, a bachelor's degree at a Dutch university (of applied sciences).

- You have previously registered as an exchange, bachelor's, master's or pre-master's student at Leiden University.
- You have previously been admitted to **the same** degree programme at Leiden University, but you decided to postpone your studies. This does *not* apply if you are applying for a different study programme or specialisation.
- You have refugee status in the Netherlands (with a residence permit for asylum).

Exemptions cannot be granted for any other reasons.

After you have submitted your application, the online application portal (uSis) will, if applicable, ask you if you want to apply for student housing, a visa/residence permit or a scholarship. Be sure to make a careful note of the relevant deadlines for these options.

After receiving your application fee payment (if applicable), the Admissions Office will check whether all the necessary documents have been uploaded and they will inform you by email whether any further items are required. The Board of Admissions of the faculty will then:

- decide whether you meet the admission requirements for the programme;
- strive to issue a decision on your completed application within four to six weeks of the University receiving it.

Once a decision has been reached you will be informed by email. You can view your admission status in the online application portal (uSis).

There are three possible outcomes:

1. **You are admitted**
You have met all conditions for admission.
2. **You are conditionally admitted**
You will be admitted, provided that you meet certain conditions. These conditions will be specified in the online application portal (uSis).
3. **You are not admitted**

The reason(s) for non-admission will be clearly stated in the online application portal (uSis). If you are informed that you have been (conditionally) admitted, you will have to take a number of additional steps.

If you are (conditionally) admitted, the Admissions Office will ask you to confirm whether you will join the study programme. You can do so in the online application portal (uSis).

1. Go to '[Application study programme](#)' in the online application portal (uSis).
2. Open the 'Confirm' screen. Here you will see three options:

- Yes, I want to study at Leiden University.
- No, I no longer wish to study at Leiden University and hereby withdraw my application.
- Maybe later; I do not wish to start this semester/academic year. I would like to receive further instructions by email.

The sooner the better

Confirm attendance as soon as possible, to avoid missing other important deadlines and information about your study programme.

Changing your mind

You can still change your mind if necessary, either in uSis or by contacting the Admissions Office [master team](#).

Deadline final decision

Do you need a student visa or residence permit? You can only request one after confirming attendance. So make sure to confirm attendance before the [visa/residence permit deadline](#).

If you don't need a visa or residence permit, the latest deadline for confirming attendance is before the start date of your study programme.

Part 3. Student registration

If you've been (conditionally) admitted, follow these steps to register as a student at Leiden University:

Check in the online application portal (uSis) whether you need to submit any documents to meet the conditions of your admission. Instructions on how to do so will be provided in uSis.

Arrange the payment of your [tuition fee](#) before the official start date of your programme. You will receive instructions and information on the available payment methods by email.

If you are an international student, go to the [Prepare your stay](#) page of our website for information about the practical matters you should take care of before and upon arrival. These include, for example, arranging housing, scholarships, applying for a visa/residence permit and insurances.

[>> Go to the next step. Step 5: Pay your tuition fees](#)

Tuition fees

Your tuition fee depends on a number of factors, such as your nationality and your previous Dutch higher-education qualifications.

The tuition fees for the academic year 2023-2024 are:

- Dutch, EU/EEA, Swiss and Surinamese students: €2,314* per year
- Non-EU/EEA students €19,600 per year
- Second Dutch master's programme: €15,400 per year

The tuition fees for the academic year 2024-2025 are:

- Dutch, EU/EEA, Swiss and Surinamese students: €2,530 per year
- Non-EU/EEA students €21,200 per year
- Second Dutch master's programme: €16,300 per year

More information about tuition fees

The tuition fee for this programme is €2,314 for the academic year 2023-2024 (statutory fee).

The tuition fee for this programme is €2,530 for the academic year 2024-2025 (statutory fee).

This tuition fee applies if this is your first master's programme and you are a national of one of the following countries:

Austria	Latvia
Belgium	Liechtenstein
Bulgaria	Lithuania
Croatia	Luxembourg
Cyprus	Malta
Czech Republic	Norway
Denmark	Poland
Estonia	Portugal
Finland	Romania
France	Slovakia

Germany	Slovenia
Greece	Spain
Hungary	Suriname
Iceland	Sweden
Ireland	Switzerland
Italy	

The fee applies for both full-time and part-time study.

The tuition fee for this programme is €19,600 for the academic year 2023-2024 (institutional tuition fee).

The tuition fee for this programme is €21,200 for the academic year 2024-2025 (institutional tuition fee).

If you are not a national of an EEA country, Suriname or Switzerland, generally speaking you will have to pay an institutional tuition fee. This fee applies for both full-time and part-time study.

However, if, on the basis of your Dutch residence permit, you are eligible for student finance from the Dutch education agency (DUO) you are entitled to pay the statutory tuition fee. Information on qualifying residence permits can be found in the [DUO nationality chart](#).

Please note! If you will be studying at Leiden University via a cooperation agreement, the fees quoted in the agreement will apply.

Only applicable to EU/EEA, Swiss and Surinamese nationals.

The tuition fee for this programme is €15,400 for the academic year 2023-2024 (institutional tuition fee).

The tuition fee for this programme is €16,300 for the academic year 2024-2025 (institutional tuition fee).

If you are following a second Dutch master's programme you will generally have to pay an institutional tuition fee that is higher than the statutory tuition fee. Some exceptions apply.

Consult the [tuition fee flowchart for second master's programmes](#) to find out how much tuition fee you will have to pay.

Less than 45 EC

If you are going to follow a pre-master's or conversion programme after completing a bachelor's programme, and if the programme is less than 45 ECs, you will have to pay €39 per study credit (EC).

45 EC or more

For programmes of more than 45 ECs you will have to pay the statutory tuition fee. If the pre-master's or conversion programme is more than 60 ECs – and therefore longer than one year - or if you are going to follow courses that are not part of your conversion programme, you will have to pay the institutional tuition fee for the programme in question (see second study programme). These fees apply to students of all nationalities.

Scholarships, grants and loans

Leiden University offers a wide range of scholarships for students from specific regions of the world, or for specific programmes. Leiden University also offers the Leiden University Excellence Scholarship (LExS), a programme specifically designed for non-EU/EEA students enrolling in a master's programme. [Find out more about scholarships, grants, loans and deadlines](#)

If you are an EU/EEA or Swiss national and under 30, you may be eligible for a [loan from the Dutch government](#) to cover your tuition fees.

[>> Go to the next step. Step 6: Prepare for your studies at Leiden University](#)

Prepare for your studies

You've been accepted! Leiden University looks forward to welcoming you as a new student. Your next step is to prepare for your studies. Below you can find some tips to help you get a head start as you embark on your studies at Leiden University.

For international students

If you are an international student, a wealth of information can be found on the '[Prepare your stay](#)' page of our website. This includes information about visas, housing, financial matters, what to arrange upon arrival, and much more.

For Dutch students

- The '[student website](#)' page on Leiden University's student website contains information about practical aspects, introduction weeks and student associations. It's also a handy source of study-related information and advice.
- For detailed information about courses, schedules and reading materials, check out the [Prospectus](#).

Sign up for the introduction week in [Leiden \(OWL\)](#) or [The Hague \(HOP\)](#)! It's the best way to get acquainted with student life and the student cities of Leiden and The Hague.

Your student card is your proof of registration as a student of Leiden University. You can find your digital student card in the Leiden University app three days after your student registration is finalised. Read more about your student card [here](#).

As soon as you receive notification that your student registration has been finalised you should apply for a Leiden University ID card, or LU-Card. It also serves as your library card, print & copy card and access pass. Read more about applying for an LU-card [here](#).

Student life

Your time in Leiden is about more than just studying. Some of your best experiences will come from being part of our vibrant and diverse student community, and from living in the beautiful city of Leiden.

Life in Leiden

Quaint, picturesque and the perfect size, Leiden is an idyllic place to spend your university days. You will soon become familiar with the dozens of cafes, shops and bars that line the leafy canals, as well as its year-round line-up of cultural events. For visits further afield, the major cities of The Hague and Amsterdam are a short train ride away, along with Schiphol Airport, which is just half an hour away by train.

Within the university's student community, our study and student associations organise a huge variety of social, cultural, and study events to keep you busy all year round. You can also join the University Sports Centre, which offers scheduled group sports and fitness classes amongst other activities.

Welcome and orientation programme

In August and February each year, Leiden University hosts the English-language Orientation Week Leiden (OWL), which welcomes both international and Dutch students. The OWL is an excellent way to get to know Leiden University, the city and to meet other students.



• New to the city and the university? Take part in the best introduction to the city, the university and your faculty: The OWL! Enjoy this week of fun, music, culture, sports, games and making new friends. It will be an unforgettable start of your studies!



• Our Hortus botanicus is a place where science is conducted, but it is equally popular for studying or relaxing. Come visit it!



Leiden is a lively, compact and safe city which is appreciated by national and international students alike. Everything is in reach within a 15 minutes bicycle ride.



• The city is located centrally between Netherland's biggest cities like Amsterdam, The Hague, Utrecht and Rotterdam, all easily reached by public transport.



• Enjoy strolling through the narrow cobbled streets and become familiar with the dozens of cafes, shops and bars that line the leafy canals.

Het Chemisch Dispuut Leiden (CDL)

The CDL is the study association for Chemistry students at Leiden University since 20 May 1926. The CDL organises many academic and career-related activities, such as excursions and lectures about career opportunities and research topics. The CDL likes to create a positive atmosphere among Chemistry students by organising social activities such as: weekly get-togethers, laser gaming, parties and other fun activities. Our members often drop by for a cup of coffee or a cup of tea – both are free – or just to relax and have a chat. The CDL looks forward to meeting you!

Leiden Institute of Chemistry events

At the beginning of your programme, you will be welcomed to an introductory day at the LIC with useful information about the programme, the university, library use and so on. This day ends with a nice dinner for all MSc students and staff.

The joint Master Committee of Chemisch Dispuut Leiden and LIFE organises all kinds of activities throughout the year, including a “bring-your-own-food” dinner where you can taste dishes from different cultures.

Science Buddy Programme

The Science master’s Buddy Programme has been set up by the Faculty of Science to help all international students who are new to the university to integrate quickly and easily into university life. Through the programme you will learn everything you need to know about the university, the student community, and the

practical side of life in Leiden. Your buddy is your first connection in the Netherlands and can help you to find your way around. A few weeks before the start of your studies, you will get an invitation for the programme. After signing up, you will be matched to a student preferably from your own study programme.

Information activities

Get to know us through our online and in-person events for prospective students!



Student with laptop

Are you thinking about joining this Master's programme, and want to determine if it will be the right fit for you? Below, you can browse the events that we have coming up, and sign up to experience Leiden University and the programme for yourself. Alternatively, take a look at the Master Talks videos to find out more about the programme or check out our virtual campus tours!

Master Talks: Programme videos

On the [Master Talks: programme videos platform](#) you can find videos for each master's programme. This includes a video which gives a short introduction to the programme and after the Master's Online Open Days you will also be able to watch a recording of the programme presentation on the platform.

Upcoming events

Master's Online Open Days Autumn 2024

The annual Master's Online Open Days in autumn are your opportunity to learn everything you need to know about our master's programmes and how they can help you reach your goals. Attend talkshows or student presentations, meet our lecturers, learn about the careers of our graduates and hear first-hand the experiences of students and graduates on life at Leiden University.

[Sign up for the next Master's Online Open Days here!](#)

On Campus Master's Open Day Spring 2025

The **On Campus Master's Open Day** is your opportunity to learn everything you need to know about our master's programmes and how they can help you reach your goals. Attend **talkshows or student presentations**, meet our lecturers, learn about the careers of our graduates and hear first-hand the experiences of current students and graduates on life at Leiden University. Experience the atmosphere of our campus and ask all your questions at our **information market**! Some programmes also offer additional tours.

[Sign up for the next Master's Open Day here!](#)

Get to know the campus

Check out our virtual campus tours, filmed in 360 degrees – by dragging the video, you can look around at the surroundings yourself. Below is the video recorded at the Science faculty, where most of your lectures will take place; you can also view other 360 campus tours of the various university faculties [here](#).

360 Campus tour: the Science faculty

Due to the selected cookie settings, we cannot show this video here.

[Watch the video on the original website or](#)

Accept cookies

Chat with a student

Do you have a question about studying at Leiden University or student life in Leiden? Do you want more information about the Chemistry programme? Chat with a current student for answers to your questions!

Contact

Do you have any questions about the Chemistry master's programme? Please contact us!

Contact the programme

For specific questions about the curriculum, please contact the study advisor. For more information and questions about the programme, admissions procedures, tuition fees and scholarships, please contact the study coordinator. Our study coordinator and study adviser are happy to answer any questions you still have.

Study adviser

msc-studyadviser@lic.leidenuniv.nl

Study coordinator

msc-coordinator@lic.leidenuniv.nl

Do you have questions about the specialisations?

Hilke Hoogenboom

E-mail: studieadviseur@iclon.leidenuniv.nl

Phone: +31(0)71 527 2727 (Wednesday&Friday 13.00-15.00 hrs)

Read more about the specialisation on the [ICLON website](#).

Dr. Anne Land

E-mail: a.m.land@biology.leidenuniv.nl

Phone: +31(0)71 527 5343

Read more about the specialisation on the [SCS website](#).

Esme Caubo

E-mail: info@sbb.leidenuniv.nl

Phone: +31 71 527 5298

Do you have questions about studying at Leiden University?

Do you want to know more about one or more programmes or about our information activities? The StudyLine is a source of information for students and is staffed by students. You can contact them by [mail](#) or by phone on +31 (0)71 527 11 11 on working days between 9.00 am and 17.00 pm.

Do you have questions on your admission and application?

For questions about your admission and application, you can contact the Student Information Centre. You can contact them by telephone on +31 (0)71 527 80 11 (daily between 11:00 am and 16:00 pm) or ask your question in the [online contact form](#).

Chat with a student

Do you have a question about studying at Leiden University or student life in Leiden? Do you want more information about the Chemistry programme? Chat with a current student for answers to your questions!