

# About us

2021



Universiteit  
Leiden  
The Netherlands

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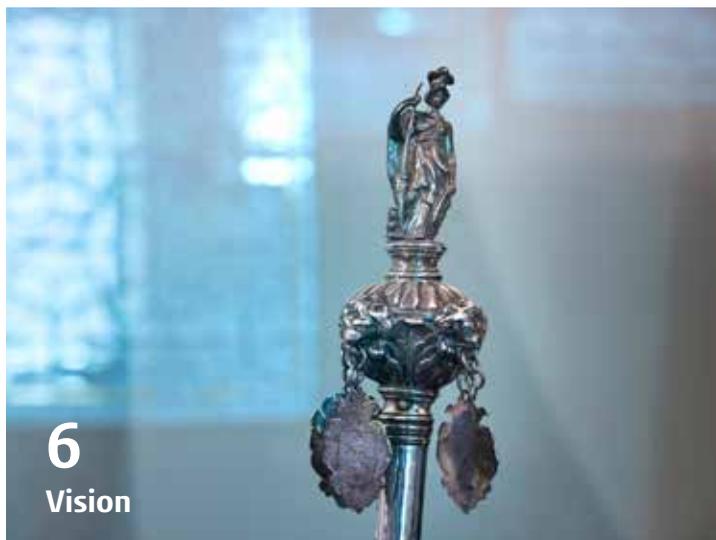
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Vision



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The Leiden University charter from 1575.



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Photography in this brochure: Some photos in this brochure were taken before and others were taken during the period in which the COVID-19 measures were in force.



**26**  
Alumni  
in the Sweat Room



HESTER BIJL

## RECTOR MAGNIFICUS

‘As Rector Magnificus, I’m responsible for the research and teaching at this wonderful university. We have a huge range of excellent research in Leiden and The Hague that allows us to contribute valuable knowledge to society. It is also most inspiring to channel my efforts into educating our students. Activating learning and the links between our teaching and research are very important in our teaching. We want to equip our students for the world of tomorrow, a world in which flexibility, resilience and adaptability are essential. With the right knowledge and skills, articulate and critical students will be able to contribute to a safe and sustainable society. That is why we also foster global awareness and intercultural skills. Our alumni hold all sorts of positions and have an impact on society in all manner of different ways.

‘The COVID-19 pandemic turned everything upside down last year. My hope for 2021 is that we will once again be able to meet in person – in our lecture halls and in the offices and labs on the campus. We know how unbelievably valuable and important this is for everyone. I am incredibly proud of our researchers, lecturers and other members of staff: it is thanks to them that the teaching and research have continued without interruption, albeit for the most part remotely. Everyone has made a significant contribution, for example to our research, by working on a coronavirus vaccine, to our teaching by using innovative digital teaching methods and to our support for students by offering them additional help. Ours is a university to be proud of.’

ANNETJE OTTOW

## PRESIDENT

‘Leiden University is at the heart of society. Our researchers work intensively with national and international partners, and our students come to Leiden and The Hague from 130 different countries. All of this helps this fantastic university flourish. The enduring coronavirus pandemic has not been easy for our students and staff. I hope we will be able to leave it behind us this coming year.

‘As President, I am going focus my efforts on diversity, sustainability, impact and external relations at our university. A diverse and inclusive learning and working environment for students and staff increases the quality of teaching and research. And with sustainable teaching and research we want to help create a sustainable world, for future generations too, as well as be a sustainable example as an organisation. Another aim is to ensure that society benefits in full from the knowledge that we develop. We are joining forces with the cities of Leiden and The Hague because working with others and in alliances makes you stronger. We also hope to make a difference with our strategic partners in LDE Universities, Delft University of Technology and Erasmus University Rotterdam. And we will continue to look beyond national borders to further expand our international networks. I look forward to setting to work on this with the whole University community.’

MARTIJN RIDDERBOS

## VICE-CHAIRMAN

‘As Vice-Chairman, my days are spent supporting the research, teaching and impact of this fantastic university through our operational management. That covers a wide area: it includes a healthy balance sheet and all the lovely buildings in Leiden and The Hague as well as the IT that facilitates the digitalisation of our teaching and allows our researchers to conduct excellent research. We also provide the best possible services through our facilities department. In the coming years, I will work with my colleagues from HRM to create an agile organisation where everyone has the time and space to develop. If we work together intensively, we can create a university that is a great place to work and study. Since the outbreak of coronavirus this collaboration has taken a different shape – with our staff working from home, teaching online and realising a safe university where we can conduct research and teach at a distance of 1.5 metres from one another. We have discovered new forms of collaboration that are beneficial to our university, and we will make sure to retain and expand these. I am extremely proud of our staff. Keeping the University ‘open’ and running has asked a lot of them. Without their efforts, ingenuity and resilience none of this would have been possible. I hope we’ll have more opportunity to see each other in person this year.’

# Facts and figures 2020

Leiden University was founded in 1575 and is one of the leading international research universities in Europe. It has seven faculties in the arts, humanities, medicine, social, natural and life sciences, at locations in Leiden and The Hague.

## ORGANISATION

 **31** research institutes

 **7,300** staff

 **592** professors

 **€ 686** m turnover

 **29 %** female professors

## RESEARCH

  
Scientific publications:  
**6,400**

  
NWO grants:  
**23**

  
European grants  
(ERC):  
**11**

  
Doctorates:  
**447**

## TEACHING

  
Bachelor's programmes:  
**47**

  
Master's programmes:  
**81**

Bachelor's students  
**20,857**

  
Students:  
**32,381**

Master's students  
**11,524**

**130**  
Nationalities

## SUCCESSFUL STUDENTS

  
Total alumni:  
**127,340**

  
Alumni abroad:  
**8,930**

Graduates per year:  
Master's **4,234** Bachelor's **4,509**

These figures are based on data available in January 2021. See [www.universiteitleiden.nl/en](http://www.universiteitleiden.nl/en) for the latest information.



# One university, two cities

Since 1999, Leiden University has been located not only in Leiden, city of discoveries, but also in The Hague. Our location in The Hague has grown dramatically since its foundation, and continues to make significant advances in education, research and knowledge transfer.

**O**ne university in two cities means the best of two worlds, and more opportunity to exchange knowledge and experiences. Leiden is our long-established scientific base, with its diverse range of disciplines and unique facilities such as the Leiden University Medical Center, the Leiden Bio Science Park and, of

course, the Academy Building, which symbolises our history. And Campus The Hague is our young, vibrant campus at the heart of national and international politics, the judiciary and socially engaged organisations. A valuable addition to our interdisciplinary research and education, which in turn allows us to make valuable contributions to the city and region of The Hague.

## MAXIMUM IMPACT

Campus The Hague is a growing location for our teaching and research. We aim to strike the right balance between bachelor's and master's programmes and education for professionals, and between teaching and research. The strong links between our research and teaching mean we are able to make the maximum impact, not only in scientific terms, but also in terms of culture, society and the economy.

## FOCUS ON FIVE THEMES

Our research on societal issues always encompasses different scientific disciplines, and our teaching follows this same interdisciplinary approach. We focus our activities on five key themes:

- International law, peace and security;
- Globalisation and international relations;
- Politics, public administration and public finances;
- Urban issues;
- Health and patient care.

These themes have not been chosen at random: they are directly related to the city of The Hague, as international city of peace and justice with an enormous range of organisations active in these fields.

# A sustainable, prosperous and just world

As a leading European research university, located in the cities of Leiden and The Hague, Leiden University plays a prominent role in academia. High-quality academic research and teaching are crucial to a safe, healthy, sustainable, prosperous and just world. The University is committed to developing, disseminating and applying academic knowledge, and aspires to be a trusted figure in the public and political debate, both nationally and internationally.

## HOW WE STAND OUT:

- We are an international research-driven university, with a wide range of academic disciplines and degree programmes.
- We have opted for a disciplinary structure, but our research and teaching are both disciplinary and interdisciplinary.
- Our teaching is inspired and fuelled by academic research.
- Our research is pioneering and innovative, and has an impact on society.
- We aim to work with local, regional, national and international partners. These include Delft University of Technology and Erasmus University Rotterdam within the LDE Universities alliance, and our partners in the League of European Research Universities.

## WHAT WE STAND FOR:

- From its inception, Leiden University has stood for freedom of spirit, thought and speech, and for the independent development of research and teaching. It is a place of refuge where any question can be asked and answered in complete freedom.
- We educate students and PhD candidates for academic roles in academia and beyond. Our graduates are able to make a critical assessment of academic and societal issues and to make well-considered choices when seeking to resolve these.
- Our academics are guided by the highest ambitions of quality and academic integrity, and we aim to promote the same academic conduct in our students.

## WHAT WE STRIVE FOR:

- We aim for excellence in all our research and teaching.
- We focus on achieving the maximum impact from our research and teaching – academic, cultural, societal and economic.
- We work hard to create a lively academic community of students and staff, inspired by the experience, expertise and engagement of our alumni.
- We embrace diversity and inclusion: our doors are open to anyone who wishes to work or study here and realise their potential. We are an open community where anyone who wishes to contribute to our ambitions and all that we stand for feels at home and enjoys equal opportunities.
- We are working hard to make our education and research even more sustainable and we are proud of our good score on the theme of Operational Management in the SustainaBul sustainability ranking.



**Bastion of freedom**

Leiden University believes in the importance of freedom of spirit, thought and speech. It is no surprise, therefore, that our motto is Praesidium Libertatis – bastion of freedom.

# Our teaching is closely linked to our research

Small classes, contact with diverse cultures and innovative teaching methods are features of our teaching programmes for students from the Netherlands and abroad.

**L**eiden University offers around 47 bachelor's and 81 master's programmes. Seventeen of the bachelor's programmes and almost all of the master's programmes are taught in English. We also offer a number of joint programmes together with Delft University of Technology and Erasmus University Rotterdam. We want to encourage our students to get the most out of their studies and to complete their degree programmes within the time available. Personal supervision and a system of binding study advice in the first year are important factors in our students' success. Curiosity-driven learning, where students contribute to our research, is the essence of our teaching. Developing students' talents to the maximum is a key aim in Leiden.

## VISION ON TEACHING AND LEARNING

Leiden University aims to play a key role in educating students as academic professionals and engaged, responsible citizens. Our graduates will help resolve the challenges of contemporary society, both within and outside academia. This ambition is the key principle of our revised vision on teaching and learning: [learning@leidenuniversity](mailto:learning@leidenuniversity). To achieve this

ambition, we are committed to delivering education that is strongly research driven, promotes active learning and stimulates the development of academic and professional skills, while at the same time offering scope for individual choices. The ideal teaching and learning environment at Leiden University is internationally and interculturally diverse and has close links with society. Both scientific and societal issues form a continuous source of inspiration for our teaching.

## INTERNATIONALISATION

Working and studying in an international community generates new insights, inspiring contacts and stronger research and teaching. Internationalisation helps make the world a safe, healthy, sustainable, prosperous and just place, and prepares students for the globalising world. We believe it is important for our students to develop an international mindset and feel comfortable with other cultures. A period of study abroad is the ideal opportunity for them to broaden their horizons and have a valuable and unforgettable experience. As the coronavirus pandemic comes to an end, the options for studying abroad will increase once again. Our global network of partners will be of help here.

## HONOURS ACADEMY

Our Honours Academy offers talented, motivated and ambitious school pupils and students an extra-curricular programme in the form of:

- Pre-University College for secondary-school students
- Honours College for bachelor's students
- Leiden Leadership Programme for master's students

## STUDENT LIFE

The lively city of Leiden, with its rich history and picturesque canals, is a pleasant place to live, study and relax. Everything students might need is within walking distance in this compact city: from University buildings, shops and student bars, to student houses and associations (over 20!), and much, much more. The vibrant city of The Hague is a growing and internationally oriented student city that has a wealth of opportunities for students. It has many leisure and entertainment facilities, and Campus The Hague is home to a growing number of student associations. Both cities are close to the beach. The lively, vibrant student life in Leiden and The Hague has taken a different shape during the coronavirus pandemic. We trust that better times lie ahead.



# Working towards a fundamental understanding of the world

With our research, we are working towards a fundamental understanding of the world and the people around us. The goal of our researchers is to make the unknown known and push the boundaries of existing fields of science.

**O**ur innovative research covers a very wide range of academic fields, and has a firm disciplinary basis. Collaboration between disciplines is our top priority. Our researchers are inspired by scientific and societal issues, and are guided in their work by the highest commitment to quality and integrity. Our research infrastructure, facilities and collections are among the best in the world. We focus on five broad clusters of disciplines and one overarching research theme (Artificial Intelligence).

## FUNDAMENTALS OF SCIENCE

From the atomic nucleus to the enigmas of the human brain: Leiden's physicists, social and behavioural scientists and biomedical specialists study the minutest particles, the greatest infinities and the oldest galaxies. They also explore the origins of our individual and group behaviour, the most complex datasets and artificial intelligence with its wide range of applications. Their research is driven by the desire to unravel the deepest secrets of humans and the universe, to make the unknown known and to find ways to apply this knowledge.

## LIFE SCIENCES

The fundamental basis of all life comprises complex processes involving cells, molecules and DNA. Knowledge of the human genome, powerful microscopes and gene expression techniques give researchers ever-increasing opportunities to understand and control the most fundamental biological processes. Our researchers use this knowledge to seek and find clues for new medicines and therapies. This research field is closely linked to the field of health and wellbeing.

## HEALTH AND WELLBEING

Leiden researchers and physicians seek the causes of and the best treatments for complex diseases such as cancer. They are actively engaged in regenerative medicine, personalised medicine and population health, and believe prevention is key to a healthy society. This calls for knowledge of what constitutes a healthy lifestyle and why people do not always choose this option. This research largely takes place outside the clinical environment. This brings us to the question of how best healthcare can be organised. This involves not only medical but also social, psychological, organisational and legal considerations. This

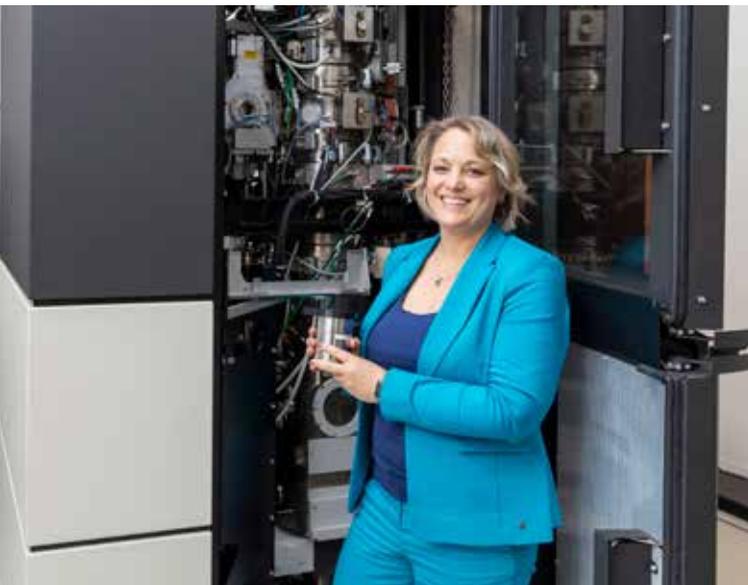
is how our researchers in Leiden and The Hague work together to promote a healthier society.

## LAW, POLITICS AND ADMINISTRATION

A safe and sustainable society calls for a deep understanding of how societies work on a national and international scale. Our social and behavioural scientists work to understand political, societal, organisational and security issues, and our legal and criminology experts collaborate closely with national and international institutions, bringing together diverse legal and criminological insights.

## LANGUAGES, CULTURES AND SOCIETIES

Our researchers study human culture from today and the distant past in the broadest sense of the word. They provide us with essential knowledge of history, literature, music and other performing arts in Western and non-Western cultures. Research in the humanities and social and behavioural sciences plays a crucial role in current debates on our societal and cultural roots, ranging from migration issues, ethical questions and national and religious identity to



Artificial intelligence (AI) will fundamentally change our lives in the near future. Researchers from different disciplines are working on this, together with government and business. Clockwise from top left: Ariane Briegel, Ahmed Mahfouz, Tessa Verhoef and Eduard Fosch Villaronga.

technological progress and the influence of the media.

### ARTIFICIAL INTELLIGENCE IN LEIDEN

From self-driving cars to innovative drug development: artificial intelligence (AI) will fundamentally change our lives in many different ways. Our computer scientists study this technology at a deep and fundamen-

tal level, but we are also looking for medical applications and answers to new issues relating to liability and privacy, for example. Our researchers from all disciplines work closely with one another as well as with academic partners from Delft University of Technology and Erasmus University Rotterdam and other partners from the public and private sector.

### LORENTZ CENTER

The Lorentz Center is a unique location where researchers from all around the world can work together intensively. Researchers attend workshops on single or multiple disciplines in this inspiring academic environment.



'Meet the Professor' gives hundreds of children from primary schools in the Leiden and The Hague area a glimpse of the world of academia and research.

# We serve society

Our academic and societal impact are of great importance to us. Our work is helping achieve the United Nations' Sustainable Development Goals, and our research generates patents, start-ups and innovation. We are also keen to work with businesses, such as those on the Leiden Bio Science Park, and we actively encourage entrepreneurship.

**W**ith our research and teaching we want to work towards a better world. We join in the scientific and public debate, and seek answers to economic and societal issues, at the local, regional and global level.

## SCIENTIFIC IMPACT

Our research advances science. Leiden University ranks highly in various league tables, and our research output is extensive, with almost 450 doctorates and over 6,000 academic publications every year.

## ECONOMIC IMPACT

Thanks in part to Leiden University and Leiden University Medical Center, the city of Leiden has the best business climate of all economic regions in the Netherlands. Our research leads to innovation, patents and start-ups. We like to work with businesses, such as those on the Leiden Bio Science Park (LBSP). The LBSP is responsible for an above-average increase in employment in Leiden and beyond, and employs over 19,000 people. It is responsible for a further 3,000 indirect jobs in Leiden. We have two funds (ELF

Pre-Seed and UNII) to promote entrepreneurship, such as new start-ups.

## PARTNERSHIPS

We work with a wide range of partners, including other knowledge institutions, the private sector, the public sector, NGOs, museums and charitable organisations. This is close to home: Leiden Knowledge City and PLNT (the Leiden Centre for Innovation and Entrepreneurship) in Leiden and various partners in the field of peace, justice and security in The



The University raised over 1 million euros in a crowdfunding campaign for research into the development of a COVID-19 vaccine. Molecular virologists Eric Snijder and Marjolein Kikkert from the LUMC are working together with Janssen Pharmaceuticals at the Leiden Bio Science Park.

Hague. And further away: at our institutes abroad and many universities all round the world, for example.

### ADVICE AND DEBATE

Our researchers help resolve societal issues. This often takes the form of advice: legal experts advise on the administration of justice and legislation; psychologists and medical specialists advise on healthcare; public administration specialists and political scientists advise on policy issues; and academics from the humanities advise on international issues. With their unique expertise, such as knowledge of the closed world of North Korea, Leiden researchers are frequently invited to speak in the media. They join in the public debate with their columns,

comments in the media, opinion pieces and presence on Twitter.

### LIFELONG LEARNING

We offer a wide range of educational programmes, from our regular bachelor's and master's programmes to our advanced master's programmes. Our Graduate School of Teaching (ICLON) provides teacher training and we offer further training, summer schools, courses and learning tracks. We also have more than 30 free, English-taught online courses (MOOCs) on subjects varying from international law and terrorism to cultural heritage and kidney transplantation. The millionth participant has already registered for one of our MOOCs

### STUDENT IMPACT

Our students are very active – outside the University too – and Leiden and The Hague benefit from their presence. In the Learning with the City project, our students try to resolve urban issues, and in Lugas, young student entrepreneurs with specific plans and ideas join forces with representatives from the business sector. Many students do valuable work for employers during an internship or on a study assignment. Our students can also be found doing voluntary work ranging from helping out with Leiden's traditional 3 October celebrations, hosting a dinner for the homeless and organising the Leiden Museum Night, to working with local authorities on local community projects.

# Modern equipment and unique collections

Researchers at Leiden University have access to cutting-edge equipment and research facilities. These include instruments to interpret astronomy observations, conduct advanced metabolomics research and apply molecular-biological methods. Not only are our facilities of the highest quality, so too are our collections, which attract researchers from all over the world.

## THE UNIVERSITY LIBRARY

Leiden University Libraries (UBL) curate an enormous archive that includes books, world maps, manuscripts, letters, photographs and drawings. Our libraries are a treasure trove of heritage sources for researchers, students and guests. Students and researchers can find here more than 5 million printed books, almost 1.5 million e-books and hundreds of databases, electronic reference works and digital text and image collections. Library users also have access to a growing number of electronic journals, from which they download in the region of 3.5 million articles every year. With over 25,000 paper and 90,000 digital acquisitions a year, the library's book collection continues to expand at a rapid rate.

The UBL collections range from medieval prayer books to works on number theory and from old photographs to legal literature. They are an invaluable source of information for researchers and students across many different disciplines. The UBL's Asian

Library, on the top floor of the building, holds the world's biggest collection on Indonesia. It also houses major collections, around 30 kilometres in length, of unique material on other countries in South and Southeast Asia, China, Japan and Korea, including prints, books, manuscripts, photos, maps and much more.

## THE HORTUS BOTANICUS

Hidden behind the Academy Building on the Rapenburg canal is the oldest botanical garden in the Netherlands and one of the oldest in the world. Created in 1590 and extended in subsequent centuries, the Hortus botanicus is the green heart of Leiden. It is here that Carolus Clusius grew the first large collections of tulips in Europe, and it is also where Philipp Franz von Siebold cultivated some 700 previously unknown plants from Japan and China. Visitors, staff, researchers and students come to the Hortus botanicus for a relaxing walk, to admire the garden or to carry out research on the celebrated plant collections. Thousands of plants,

including tropical orchids, ferns and carnivorous plants, are cultivated in the greenhouses of Leiden's Hortus for the purposes of research. Researchers from Leiden and all over the world conduct research on plant diversity to ultimately arrive at an even better understanding of the genealogy of life. The Hortus also works together with other botanical gardens in the Netherlands to cultivate plants that are under threat of extinction.

## DRUG DEVELOPMENT

With the aid of our NMR facility, researchers study the synthesis of molecules to learn more about the structure and dynamic of proteins. This knowledge will serve as the basis for a drug or for the development of vaccines. And the powerful electron microscope of the Netherlands Centre for Electron Nanoscopy (NeCEN) also aids drug development. Researchers use this to study molecular processes in cardiovascular diseases, infectious diseases and cancer.



Thousands of plants are grown for research in the greenhouses at Leiden's Hortus botanicus.

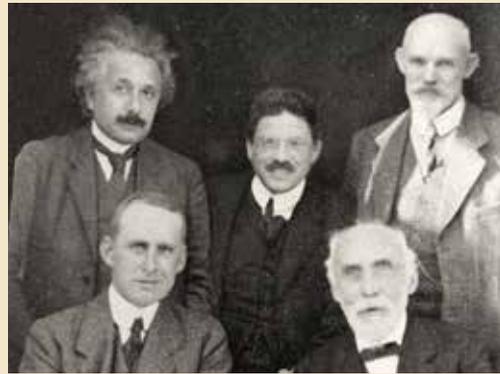


Leiden University Libraries curate an enormous archive of books, world maps, manuscripts, letters, photographs, drawings and other objects.

# We are proud of our laureates from the past and the present

## Nobel Prize

Researchers at Leiden University have been awarded many national and international prizes. The Nobel Prize, the world's highest scientific accolade, has been awarded to 16 scholars who worked at Leiden University, including physicists Albert Einstein and Hendrik Lorentz.



Great physicists Einstein, Ehrenfest, De Sitter, Eddington and Lorentz in Leiden in 1923.

Professor Hermen Overkleeft was awarded a prestigious ERC Synergy Grant of 9.1 million euros in 2020 together with Gideon Davies (University of York) and Carme Rovira (University of Barcelona). Their research into enzymes that work on complex carbohydrates could help improve healthcare and contribute to a more sustainable society.



## Leiden Spinoza and Stevin winners

Leiden has received the highest number of NWO Spinoza Prizes – 23 of our researchers have been awarded this prize, the highest distinction in the Dutch scientific world. Two of our researchers have received the NWO Stevin Prize for exceptional success in the area of knowledge exchange. These are our Spinoza and Stevin winners:



2020  
**Professor Sjaak Neefjes**  
 CHEMICAL IMMUNOLOGY



2020  
**Professor Ton Schumacher**  
 IMMUNE TECHNOLOGY,  
 STEVIN



2019  
**Professor Andrea Evers**  
 PSYCHOLOGY, STEVIN



2018  
**Professor Carsten de Dreu**  
 PSYCHOLOGY



2017  
**Professor Eveline Crone**  
 PSYCHOLOGY



2017  
**Professor Michel Orrit**  
 PHYSICS



2015  
**Professor Aad van der Vaart**  
 MATHEMATICS



2014  
**Professor Dirk Bouwmeester**  
 PHYSICS



2014  
**Professor Corinne Hofman**  
 ARCHAEOLOGY



2012  
**Professor Xander Tielens**  
 ASTRONOMY



2010  
**Professor Naomi Ellemers**  
 PSYCHOLOGY



2010  
**Professor Marijn Franx**  
 ASTRONOMY



2010  
**Professor Ineke Sluiter**  
 GREEK LANGUAGE  
 AND LITERATURE



2009  
**Professor Michel Ferrari**  
 NEUROLOGY



2007  
**Professor Wil Roebroeks**  
 ARCHAEOLOGY



2006  
**Professor Jan Zaanen**  
 PHYSICS



2004  
**Professor Rien van IJzendoorn**  
 EDUCATION AND CHILD  
 STUDIES



2002  
**Professor Els Goulmy**  
 TRANSPLANTATION  
 BIOLOGY



2002  
**Professor Frits Rosendaal**  
 EPIDEMIOLOGY



2000  
**Professor Ewine van Dishoeck**  
 ASTRONOMY



1999  
**Professor Carlo Beenakker**  
 PHYSICS



1998  
**Professor Hendrik Lenstra**  
 MATHEMATICS



1998  
**Professor Pieter Muysken**  
 LINGUISTICS



1997  
**Professor Frits Kortlandt**  
 LINGUISTICS



1995  
**Professor Frits van Oostrom**  
 DUTCH LITERATURE

# An illustrious history

Leiden University is the oldest university in the Netherlands. It was founded on **8 February 1575** in Leiden's Pieterskerk church. This was at the time of the Eighty Years' War, the uprising by the northern provinces against Spanish rule. Throughout the University's entire 446-year history, innovation has remained a firm tradition.



## Rembrandt

World-famous Dutch painter Rembrandt van Rijn studied at Leiden University. He enrolled as a student of the arts, and later painted famous Leiden alumni such as Marten Soolmans, Jan Six and Nicolaes Tulp.



## Leiden Observatory

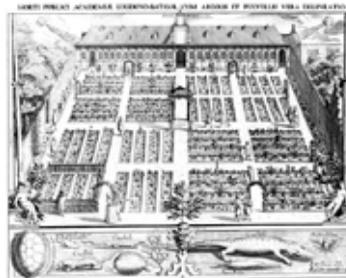
Astronomy has a long and rich tradition in Leiden. The University acquired an observatory on the roof of the Academy Building as early as 1633. The Old Observatory was completed in 1861. This is still used for teaching, but the astronomers now work on the Science Campus.



1600

## First tulip

Carolus Clusius brought the first tulips to Leiden at the end of the 16th century. The bulbs originally came from Turkey. Clusius cultivated all sorts of new varieties in the Hortus botanicus. His research formed the basis of today's bulb industry in the Netherlands. Hundreds of years later, his influence is still visible in the bulb fields between Leiden and Haarlem.



The Clusius garden in the Hortus botanicus in around 1601.

1633

1714

## Boerhaave

Herman Boerhaave inspired a revolution in the medical world: he put the patient first. In 1714, this Leiden professor introduced lessons at the patient's bedside. He transformed medicine from a theoretical to a practical, exploratory field.



1575

## Foundation

Leiden University was founded by William of Orange in 1575. Legend has it that he founded the University to reward the city for its resistance to the Spanish.



Charter of Leiden University from 1575.

1581

## Academy Building

The Academy Building on the Rapenburg canal is Leiden University's oldest building. It came into the University's possession in 1581, and is used for ceremonies such as graduations, inaugural lectures and PhD defences.





### Kamerlingh Onnes

In his cryogenics laboratory, Heike Kamerlingh Onnes succeeded in achieving the exceedingly low temperature of four degrees above absolute zero, the temperature at which helium becomes liquid. Nothing can be colder than absolute zero (-273.15 degrees Celsius) because atoms and molecules then stop moving. This earned the Leiden lab the epithet of, 'the coldest place on earth'. The building in the centre of Leiden that now houses Leiden Law School is named after Kamerlingh Onnes.



### First female professor

Sophia Antoniadis (1895-1972) was the first female professor at Leiden University. She was professor of medieval and modern Greek from 1929 to 1955. In 2020, almost 30 percent of the University's professors were women.



### King Willem-Alexander graduates

King Willem-Alexander graduated in history in 1993, following in the footsteps of his mother, Princess Beatrix, and grandmother, Princess Juliana, who also studied in Leiden. The photo shows him being congratulated by his mother.



### Honorary doctorate for Nelson Mandela

The University awarded Nelson Mandela an honorary doctorate in 1999 in recognition of his great service to society as an anti-Apartheid activist (while serving a long prison sentence) and later president of South Africa.



### Coronavirus

The coronavirus pandemic meant that our students followed online classes and our staff worked from home.

1820 1908 1911 1929 1938 1940 1993 1999 2020

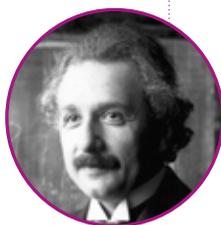
### Von Siebold

It is thanks to German physician Philipp Franz von Siebold (1796-1866) that the University has become a centre of expertise in Asian history and culture. He was also very important to botany: he lived in Japan in the 1820s and brought over 730 plant species to Europe.



### Einstein

Albert Einstein was professor by special appointment at Leiden University and spent a lot of time in Leiden, where he was able to put his ground-breaking ideas to the critical minds of his Dutch friends such as Hendrik Lorentz.



### Surinamese Rector

Surinamese Professor of Tropical Hygiene, Paul Christiaan Flu, became Rector Magnificus in 1938. Flu was held at Camp Vught together with Professor Rudolph Cleveringa during the Second World War.



### Cleveringa gives protest speech

The German administration closed Leiden University at the beginning of the Second World War. This was in response to a speech by Professor of Law Rudolph Cleveringa protesting the dismissal of his Jewish colleagues. He lived by the University motto: Bastion of Freedom.



### Campus The Hague opens

Leiden University opened its Campus The Hague in 1999. The research and teaching there closely reflect the themes of this city: peace, justice and security. All of the University's faculties now teach and conduct research in The Hague.



# Working in networks

More than ever before, knowledge sharing and collaboration are key concepts in academia. In view of this, the university of the future will largely be a network university, as universities can only truly realise their ambitions through collaboration with others. Leiden University has partners close to home and on the other side of the world.

## NATIONAL AND INTERNATIONAL

Collaboration makes us better. Close to home, we work with businesses, museums, schools, the municipalities of Leiden and The Hague and other universities. And at a national level, we work with 13 other universities in the Association of Universities The Netherlands (VSNU). The VSNU works with public and private partners.

Another example of collaboration is Medical Delta: the Delft-Leiden-Rotterdam consortium for innovation in health and medical technology. The partners in this consortium are the universities and their medical centres in Leiden, Delft and Rotterdam, as well as science parks, incubators, businesses and local and regional government.

At the European level, we are a member of the League of European Research Universities (LERU). LERU is a group of 23 leading European research universities that lobby in their own countries and Europe on the importance of fundamental scientific research. We also have partnerships with many other organisations and institutions.

## LEIDEN - DELFT - ERASMUS

Leiden University, Delft University of Technology and Erasmus University Rotterdam work together as Leiden-Delft-Erasmus (LDE) Universities. Resolving major societal issues calls on universities to work together, in close cooperation with other partners in society. The three universities work together on regional, national and global issues, thus benefitting from a wealth of high-quality scientific knowledge, the breadth of their largely complementary portfolios and their physical proximity to one another. The three universities conduct joint research and offer joint educational programmes. They collaborate across four societal themes: Sustainable Society, Inclusive Society, Healthy Society and Digital Society. These themes also determine the direction of future teaching and research within the LDE Universities alliance.

## EUNIWELL

EUniWell, the European University of Wellbeing, is an alliance that unites seven universities: alongside Leiden, the universities of Birmingham, Cologne, Florence, Linneaus, Nantes and Budapest (Simmelweis). The alliance offers students, researchers

and teachers new, international opportunities for collaboration and development. These universities want to show that diversity and working beyond disciplinary and national borders is the best way to deal with the challenges surrounding wellbeing in universities, in society and in the world as a whole. The alliance focuses on four interdisciplinary areas of research: (1) health, (2) individual and social wellbeing, (3) the living environment and climate, and (4) teacher training programmes and professionalisation of teachers.

## LEIDEN CITY OF SCIENCE

In Leiden City of Science, Leiden University, the LUMC, Leiden University of Applied Sciences, Naturalis Biodiversity Center and the Municipality of Leiden work together on campus development, internationalisation, improving teaching and research, the city as lab, lifestyle and the healthy city.

## PLNT

Students and young entrepreneurs work together at PLNT, the Leiden centre for innovation and entrepreneurship. This is where research and entrepreneurship come together.

**LEIDEN BIO SCIENCE PARK**

Leiden Bio Science Park (LBSP), the largest knowledge cluster in the Netherlands in the life sciences and health, has an excellent international reputation. At present, the LBSP houses 214 companies and institutions, with over 19,000 staff. This is expected to increase to around 27,000 by 2025. The LBSP is a cluster of top-level teaching and research institutions, healthcare organisations and businesses. It attracts students, researchers and entrepreneurs from all around the world to Leiden, City of Science, and creates an impact and many jobs within and outside Leiden.

# International networks

Our researchers work intensively with colleagues from almost all the countries in the world. The University also has partnership agreements with various countries and regions, such as Indonesia and South America. It has three institutes abroad: in Rabat, Cairo and Jakarta.

## **INSTITUTES ABROAD:**

### **Netherlands Institute Morocco (NIMAR)**

Located in Rabat, NIMAR is the national expertise centre for Moroccan studies. It belongs to Leiden University's Faculty of Humanities and provides teaching programmes, facilitates research and makes an active contribution to the understanding of Moroccan languages, cultures and society within the Netherlands.

### **Netherlands-Flemish Institute in Cairo (NVIC)**

The NVIC was founded in 1971. Eight universities in the Netherlands and Flanders participate in the NVIC with the aim of stimulating and internationalising their educational and research activities in the Middle East. The Institute is managed by Leiden University.

### **Royal Netherlands Institute of Southeast Asian and Caribbean Studies (KITLV), Jakarta**

KITLV Jakarta is part of Leiden University Libraries (UBL) and represents Leiden University in Indonesia. Its key tasks are to broaden and intensify academic collaboration with Indonesian higher education and research institutions, to provide information about the range of international programmes at Leiden University and to maintain contacts with alumni.

## **LEAGUE OF EUROPEAN RESEARCH UNIVERSITIES**

Leiden University is a member of the League of European Research Universities (LERU), a group of 23 leading European universities. The primary aim of this alliance is to persuade national and European authorities of the importance of fundamental scientific research and the role of research institutes.

## STUDENT EXCHANGES

Leiden encourages its students to spend some of their study time abroad. It facilitates this through its broad network of partners in Europe and beyond, relying on more than 600 agreements with universities throughout the world. Unfortunately, many exchanges had to be cancelled during the coronavirus pandemic. We hope that this will be different in 2021.

### China

China is an important partner for Leiden University. The links between researchers and students from the two countries go back a long way. The first Leiden students went to study the Chinese language in China in 1857. Leiden University was the first in the Netherlands to establish a chair in the Chinese language, in 1877. We now have partnerships with over 20 Chinese universities, and some 400 Chinese bachelor's, master's and PhD students are studying in Leiden.

### Indonesia

Leiden University has a long tradition of collaboration with Indonesia. For Leiden researchers the country's biological, ecological, linguistic and religious diversity, legal system, emerging political role and history and population are important research areas. Leiden University's Asian Library houses one of the largest Asia collections in the Western world, as well as the world's most extensive Indonesia collection.

### Latin America

Latin America is one of Leiden University's focus areas. The University has built up extensive knowledge about the region over the course of time. Leiden archaeologists and linguists have a wealth of knowledge on the indigenous cultures and languages of this continent, but there are also many exchanges with the region in the fields of social sciences, medicine and natural sciences. In recent years, delegations from Leiden University have visited Mexico, Brazil and Chile.

Leiden will be City of Science in 2022! For an entire year, Leiden will be the science capital of Europe. See [www.leiden2022.nl/en](http://www.leiden2022.nl/en)



# An increasingly sustainable university

The students from the Leiden University Green Office (LUGO)

Leiden University is at the heart of the local community, and with our teaching, research and business operations we are keen to promote sustainability.

**T**he University takes its responsibility to society seriously and is working hard to become more sustainable with regard to accommodation, energy, water, mobility, waste, procurement and investment. We have spent the past five years working on our environmental goals, which can be found in our Environmental Policy Plan. Our annual sustainability report details the precise results of this work. A new vision on sustainability will be drawn up with our students and staff in 2021. A sustainable university of the future is the goal. Renewable alternatives (or renewable energy) include solar and wind energy. The University has solar panels on its roofs and invests in wind energy in the Netherlands.

## CLIMATE CONCERNS

Many people are increasingly worried about climate change. One of our ambitions is to drastically decrease the University's CO<sub>2</sub> footprint and use of resources. We can achieve this by reducing our use of fossil fuels, investing in

renewable alternatives such as solar energy (solar panels) and wind energy, and by compensating (purchasing green certificates) for our CO<sub>2</sub> emissions. Our CO<sub>2</sub> footprint has decreased by more than 50 percent since 2016. The transition to a sustainable world requires graduates who understand climate issues and can help find solutions. In our degree programmes and courses we train our students to be able to function in a circular economy.

## ACTIVE STUDENTS

Our students are actively involved in our sustainability activities. Some of them work together with the University at the Leiden University Green Office (LUGO). They devise, collect and realise green plans and initiatives, and are in close contact with the University community. LUGO has a presence in The Hague and Leiden.



# The freedom to be yourself

The progress pride flag flew from the University buildings on Coming Out Day (11 October). This was the initiative of the LGBT+ Network.

We believe that in our academic community you should be free to be yourself. Inclusion and diversity are core values for the University, and these are promoted and monitored by our Diversity Officer and Diversity Office. Our LGBT+ Network and other networks also play an important role at the University.

## DIFFERENCES ARE A MAJOR ASSET

Our university community is diverse in many ways. We differ from one another in our ethnicity, gender, sexual orientation, health, religion, age, socio-economic background and more. This is a major asset. We want our University to be an open community in which everyone feels at home and has equal opportunities. This is not always a given, which is why the University pursues an active diversity policy.

## DIVERSITY OFFICER

Leiden University was the first Dutch university to appoint a Diversity Officer, in 2014. Our current Diversity

Officer, Aya Ezawa, and the Diversity Office promote an open community with equal opportunities for all. Sharing their expertise with the faculties, offering training for students and staff and holding an annual Diversity Symposium for students are some of the ways by which they achieve this.

## LGBT+ NETWORK

The University's LGBT+ Network helps everyone feel welcome and at home in the University community. It is a platform for lesbian, gay, bisexual, transgender, intersex and queer students and staff at the University. The key aim of the LGBT+ Network is to promote the inclusion of its target group, but everyone – students, staff

and alumni – is welcome at its events, such as lectures, film evenings, debates and so on.

## WOMEN'S NETWORK

The Sophia Women's Network aims to create equal opportunities and a better working environment for female academic staff at Leiden University. The University is aiming for more women in senior positions. Thanks to an active policy the number of female professors at the University has risen to almost 30 percent.

# Leiden University is proud of its alumni

Our alumni contribute to the University's success in many different ways. The University in turn contributes to the personal and professional development of its alumni.

Our alumni take up diverse posts in the Netherlands and abroad, where their knowledge and experience enable them to make a valuable contribution to society. We help our alumni by providing information, career advice and opportunities for network building and by organising a series of events. The alumni magazine *Leidraad* is published three times a year and alumni receive a dedicated newsletter every month. For Leiden's young alumni, there is also the Young Alumni Network. Our alumni also contribute to our teaching and research, and enhance our reputation. They help students and young alumni explore their career options, through the on-

line Mentor Network, for instance. This gives students and young alumni the opportunity to ask experienced alumni for career advice.

## LEIDEN UNIVERSITY FUND

The Leiden University Fund (LUF) helps ambitions flourish. Not all academic teaching and research is government funded, which makes contributions from donors essential. With the generous support of our donors, scholars in Leiden are able to work on innovative research that contributes to the world of tomorrow, and talented students can use grants to gain experience and knowledge abroad or organise study trips, conferences and

cultural activities.

## THE SWEAT ROOM

This is possibly Leiden University's most popular tradition: when they graduate, students are invited to sign their name for eternity on the walls of the Sweat Room. We do not know who was the first person to sign their name, but the practice has become a longstanding tradition, and many thousands of alumni have pencilled their name on these centuries-old walls. The signatures in the Sweat Room include those of Princess Beatrix and Princess Juliana, King Willem-Alexander and Dutch resistance fighter Erik Hazelhoff Roelfzema. The walls also bear the signatures of such famous Leiden Honorary Doctors as Sir Winston Churchill and Nelson Mandela. Visit the Sweat Room online at [www.hetzweetkamertje.nl](http://www.hetzweetkamertje.nl).

# Interfaculty institutes with a special mission

Our seven faculties are responsible for the teaching and research at the University (see the pages that follow). We also have four interfaculty institutes: Leiden University Graduate School of Teaching (ICLON), the African Studies Centre Leiden (ASCL), the International Institute for Asian Studies (IIAS) and the Honours Academy. Each of these institutes has a special mission.

## ASCL for a better understanding of Africa

In 30 years' time Africa will have a population 2.5 billion, 20 percent of the world's population. The continent's impact on not only the global economy, but also the environment will therefore increase drastically. This makes a good understanding of the continent crucial. Researchers from the ASCL have been aware for decades of the crucial role that Africa plays in the world, a role that is only set to increase.

The ASCL aims to gain a better understanding of Africa in a rapidly changing world. The linchpin of the ASCL is its library, which has one of the biggest and best Africa collections in Europe with unique books that researchers from all around the world come to Leiden to see. At the heart of the ASCL's research are its seven Collaborative Research Groups that study various research themes.

## ICLON – connecting teaching theory and practice

ICLON is a centre of expertise that connects teaching theory with teaching practice. Academic insights are applied in the classroom or lecture hall. And experiences from the classroom or lecture hall inspire new research into the practice, and further development, of secondary and higher education.

ICLON offers various teacher training programmes to people who wish to qualify as a teacher. It also provides continuing professional development, summer schools and other courses aimed at improving education and aiding lecturer professionalisation. This is all under the slogan: lifelong learning.

## IIAS connecting knowledge and people

IIAS is a global research institute and knowledge exchange platform that focuses on increasing our understanding of Asia today, engaging Asian partners and modernising Asian Studies.

IIAS connects knowledge and people, contributing to a more integrated understanding of Asia today. It does so by focusing on relevant themes and issues together with scholars and practitioners throughout the world. All of IIAS's initiatives are in their nature collaborative, drawing from the Institute's exceptional range of academic and professional networks.

## Honours Academy: more room for talent

Lecturers from different faculties work together at the Honours Academy. They teach talented and motivated secondary-school, bachelor's and master's students. The various programmes offer ambitious students the chance to achieve their learning goals. For more information on the Honours Academy programmes, see page 8 (our teaching).



ARCHAEOLOGY

# Where past and present meet

At the Faculty of Archaeology, we research the development of human societies worldwide, from the earliest beginnings to the modern era. We also study the heritage that can teach us about the long history of humankind as well as about society today.



**A**rchaeologists have access to effective methods that both explain the past and make it relevant to the present. Archaeology is an interdisciplinary field that uses approaches and theories from the social sciences, humanities and natural sciences, thus giving rise to new insights. Alongside research, the main focus of the Faculty is to train students as archaeologists and heritage experts. Research and teaching go hand-in-hand: every lecturer is an experienced researcher and every researcher is an experienced lecturer.

## RESEARCH

With a staff of almost 120, the Faculty of Archaeology is the largest academic centre of archaeology in continental Europe. The Faculty's academic staff conduct research in three departments:

- Archaeological Heritage
- Archaeological Sciences
- World Archaeology.

Our research covers large parts of the world and nearly all eras. We study the complexity of the human past from interdisciplinary perspectives, and ask research questions that can help resolve today's societal challenges. Our research gives rise to exciting partnerships within and well beyond the Faculty itself, all in an inspiring research-driven setting.

## Graduate School

The Graduate School of Archaeology offers extensive PhD programmes on the excavation, analysis and interpretation of material remains from the human past.

## TEACHING

### Bachelor's programme in Archaeology

Our bachelor's programme provides a broad introduction to archaeology, allowing students to delve into the role of heritage in society. This English-taught bachelor's programme prepares our students for an international career.

More-ambitious students can follow our [Crossing Borders in World Archaeology honours programme](#).

### Master's programmes in Archaeology

Our specialised master's programmes (MA, MSc or Research Master's) in Archaeology provide a solid basis for an international career in archaeology, heritage management, heritage policy or the museum world.

### Fieldwork

The Faculty of Archaeology runs fieldwork projects all over the world. Students can participate in excavations and projects not only in the Netherlands but also in France, Cyprus, Oman or the Caribbean, for instance.

## FACTS AND FIGURES 2020



**557 students:** 362 bachelor's students and 195 master's students



**118 staff** (86 academic and 32 non-academic)



**Faculty/Institute:**  
• Archaeology



**21 doctorates**



The Faculty is a world leader and is in **the top 10** of the QS World University Rankings (discipline).

## BACHELOR'S PROGRAMMES

- BA in Archaeology

## MASTER'S PROGRAMMES

- MA/MSc in Archaeology
- MSc in Archaeology (research)

**Roman marching camp**

In 2020, Leiden archaeologists, students and local volunteers discovered a Roman camp in the woods near Ermelo. The encampment is four kilometres from a Roman fortification found previously, which confirms the theory that the Romans also carried out reconnoitring expeditions in the Netherlands, well beyond the borders of their empire. The legionaries presumably built these fortifications to protect their temporary encampments from possible attacks from outside. The camp covers an area of almost six hectares. The only remains visible to the naked eye are an earth rampart and a ditch in the woods. The archaeologists found various bronze artefacts and, using a metal detector, even unearthed a 'fibula', a kind of brooch used by Roman legionaries to secure their cloaks.



**Teaching with video games**

In his classes, which were mainly online in 2020, lecturer Aris Politopoulos combines archaeology with video games. He was one of the three nominees for the 2020 LUS Teaching Prize. 'I might, for example, examine a game closely to see how much of the "archaeological information" is accurate, and what the players learn from it about, for example, the development of cities or global empires. For one specific assignment I got my students to watch a livestream where I play video games and comment on them. They then had to reflect on this. I also got them to write an archaeological review of a game of their choice.'





### **Larger reference collection**

The reference collection of the Laboratory for Archaeozoological Studies had already won international fame. Thanks to a large donation from the Institute of Biology it has only increased in size. Archaeozoologist Laura Llorente Rodriguez was very pleased with the donation, 'We can now study most of the fauna in Europe in an archaeological context. It makes our collection much more diverse. We've been able to add the bones of all sorts of mammals, birds, fish, ducks and even crocodiles. The extra money will make it easier for us to study the evolution of animals in the past.'



### **Citizen science**

In 2020, Leiden archaeologists appealed to volunteers to help search for archaeological remains on satellite images of Utrechtse Heuvelrug, a national park close to Utrecht. The coronavirus pandemic helped make the project a resounding success: in a single month, all 300,971 maps had been examined. In the Junior Heritage Quest project children aged between 8 and 12 could search online for archaeological remains in the Veluwe area, and thus make a valuable contribution to scientific research.



GOVERNANCE AND GLOBAL AFFAIRS

# Working on societal issues in The Hague

The Faculty of Governance and Global Affairs in The Hague, city of peace and justice, looks at such global challenges as climate change, terrorism and economic crises from the perspective of governance, political science, law, sociology and economics.

With its interdisciplinary approach, the Faculty fits in well with the national and international organisations in The Hague. It joins in the big debates in society not only with its teaching and research, but also with lectures and discussions. Enterprising by nature, the Faculty seeks connections with other disciplines and innovative forms of teaching.

## RESEARCH

The academic research at the Faculty is organised into institutes and centres. The staff conduct research in the field of national and international politics, governance, security and urban issues. In their research, they explore complex challenges that go beyond the limits of individual disciplines.



### Graduate School

The Graduate School of Governance and Global Affairs is responsible for the PhD programmes at the Faculty.

### TEACHING

The programmes at the Faculty closely reflect the themes that characterise the city, such as peace, justice, law and public administration and international governance. Despite the turbulent year, 99.8 percent of our lecturers have managed to teach and our pass rate is higher than ever.

### Leiden University College The Hague

Leiden University College The Hague (LUC) is Leiden University's international honours college. LUC The Hague provides an innovative Liberal Arts & Sciences bachelor's programme for talented and motivated students from all around the world. The focus is on the Global Challenges programme, in which complex global challenges are studied from the perspective of various disciplines.

### FACTS AND FIGURES 2020

 **3,192 students:** 2,079 bachelor's students and 1,113 master's students

 **298 staff** (177 academic and 121 non-academic)

 **Institutes:**

- Institute of Public Administration
- Institute of Security and Global Affairs
- Leiden University College The Hague

 **7 doctorates**

 LUC was one of the top programmes in Keuzegids, the consumer guide to universities, for **the eighth** successive year

### BACHELOR'S PROGRAMMES

- BA/BSc in Liberal Arts & Sciences: Global Challenges (Leiden University College The Hague)
- BSc in Public Administration
  - Economics, Public Administration and Management
  - Policy, Public Administration and Organisation
- BSc in Security Studies

### MASTER'S PROGRAMMES

- MA in Crisis and Security Management
- MSc in Cyber Security
- MSc in International Relations and Diplomacy
- MSc in Public Administration
- MSc in Public Sector Management

## Professional learning

The Faculty of Governance and Global Affairs is a meeting place not only for students and academics but also for professionals.

Since the beginning of Campus The Hague, its Centre for Professional Learning has offered courses and

programmes for professionals who work in governance. The Cyber Security Academy in The Hague offers various short-term programmes such as workshops, training courses and masterclasses. It is a partnership between Leiden University, Delft University of Technology and The

Hague University of Applied Sciences.

The Dual PhD Centre makes dual PhD research possible at Leiden University. It offers a Dual PhD programme that enables professionals to combine work and PhD research.

### First Security Studies graduates

A fully corona-proof graduation ceremony in the Wijnhaven building on Campus The Hague and the first Security Studies graduates. This day at the end of August was one to remember for the 36 graduates and their families. Not only were they the first group to complete this programme, but they also had to cope with the effects of COVID-19 during their last year and having to celebrate in a socially distanced ceremony. The students were allowed to bring two guests. Those who stayed at home could follow the ceremony via a livestream.



### Online wellbeing and culture weeks

The first coronavirus lockdown in the spring of 2020 was particularly difficult for students. The Faculty of Governance and Global Affairs organised two online activities for its students who were stuck at home, possibly feeling lonely and unable to go out: the online wellbeing week and the culture week. The wellbeing week was all about how coronavirus was affecting student wellbeing, and included online sports sessions by the University Sports Centre. In the online culture week, students could see and hear a varied programme from the different cultural disciplines, including top films, virtual museum exhibitions and baroque dance sensation Pearl. One of the highlights was the concert by harp player Catherine Mooreland, recorded on the Spanish Steps in the Wijnhaven building in The Hague.





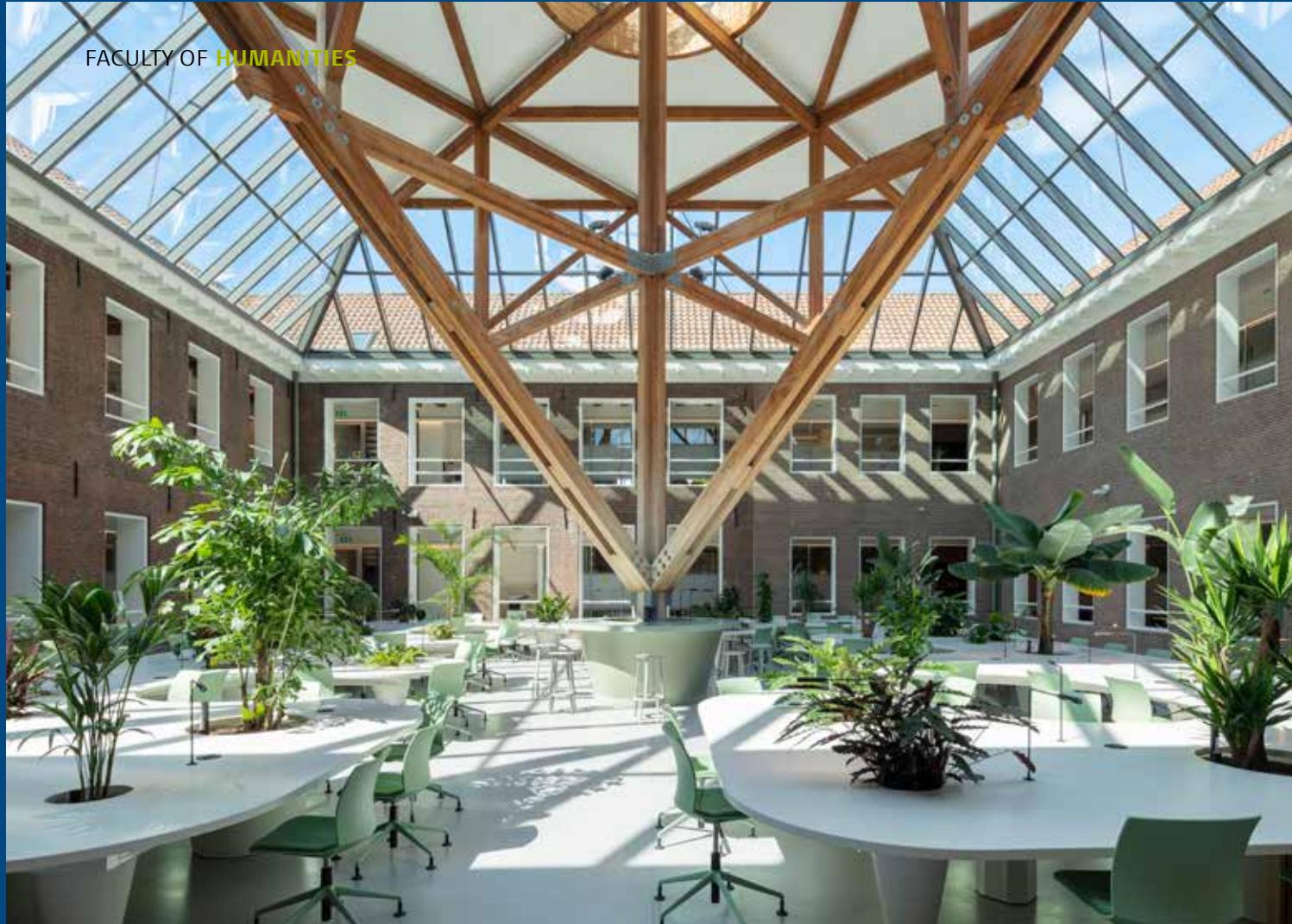
### Boost to public leadership

In October 2020, international academics, representatives from the profession and students took part in the online conference Leadership in Progress: Science Meets Practice, organised by the Leiden Leadership Centre. The multidisciplinary exchanges between prominent speakers from academia, politics and the upper ranks of the civil service gave a significant boost to the research on public leadership and developments in this field. Professor Arjen Boin (left) spoke to minister Sander Dekker (right) about his leadership.



### Guest lecture on digital government

How seriously is the government taking digitalisation? What does it entail and will everyone be able to manage in a digital world? State Secretary Raymond Knops (Ministry of the Interior and Kingdom Relations), who is responsible for digital government, gave a lively lecture on this subject in Campus The Hague's Wijnhaven building in autumn 2020. He spoke openly about government dilemmas, challenges and ambitions, and discussed the matter at length with students from the Faculty. He came under some strong fire, but was happy to talk through the issues and even took extra time after the lecture for questions and comments. Some 20 students attended the lecture in person in the Wijnhaven auditorium and around 380 took part online. Civil servants and stakeholders from the digital sector listened too, and were keen to hear what the students had to say.



## HUMANITIES

# The humanities offer windows on the world

In these times of globalisation, the humanities are more important than ever. Migration, integration, trade and technology are causing the borders between countries and cultures to fade. If we want to work and live together in harmony, we have to understand one another. The humanities provide the insights that we need for this.

**T**he Faculty's research and teaching ranges from languages, cultures and regional studies to history, philosophy, the arts and religious studies. Our researchers are driven by passion and curiosity for the world around them.

## RESEARCH

Our research covers almost all continents and periods, and our researchers are committed to developing, disseminating and applying academic knowledge. We strive to be an authority in the academic

and public debate. Our research is interdisciplinary in its approach, with experts sharing their knowledge and understanding. This helps improve our teaching and research projects.

**Research centres**

- Centre for Indigenous Americas
- Leiden Asia Centre
- Leiden University Centre for Digital Humanities
- Leiden University Centre for the Study of Islam and Society
- Research School for Philosophy
- Research School for Medieval Studies
- The Netherlands Institute for the Near East (NINO)
- Netherlands Institute in Turkey (NIT)

**Graduate School**

The Graduate School of Humanities is responsible for all PhD programmes at the Faculty of Humanities.

**TEACHING**

Our main priority is ensuring our students succeed. Curiosity-driven learning is at the heart of our teaching. Our programmes are as small-scale as possible, and we provide opportunities for tailored learning such as personal learning pathways and an honours programme for ambitious students. We also have a talent programme for secondary-school students.

Our Faculty trains students to be critical thinkers, academic professionals and engaged citizens with international and intercultural skills who will help resolve the future challenges. We therefore consider career preparation to be essential.

**FACTS AND FIGURES 2020**



**7,595 students:** 5,411 bachelor's students and 2,184 master's students



**1,025 staff** (658 academic and 367 non-academic)



**Institutes:**

- Academy of Creative and Performing Arts
- Centre for the Study of Religion
- Institute for History
- Institute for Philosophy
- Leiden University Institute for Area Studies
- Leiden University Centre for the Arts in Society
- Leiden University Centre for Linguistics
- Netherlands Institute Morocco



**76 doctorates**



The research and teaching at the Faculty of Humanities ranks among the **top 30** in the world (THE Ranking).

**BACHELOR'S PROGRAMMES**

- BA in African Languages and Cultures
- BA in Ancient Near Eastern Studies
- BA in Art History
- BA in Arts, Media and Society
- BA in Chinese Studies
- BA in Classics
- BA in Dutch Language and Culture
- BA in Dutch Studies
- BA in English Language and Culture
- BA in Film and Literary Studies
- BA in French Language and Culture
- BA in German Language and Culture
- BA in History
- BA in International Studies
- BA in Italian Language and Culture
- BA in Japanese Studies
- BA in Korean Studies
- BA in Latin American Studies
- BA in Linguistics
- BA in Middle Eastern Studies
- BA in Philosophy
- BA in Philosophy: Global and Comparative Perspectives
- BA in Religious Studies
- BA in Russian Studies
- BA in South and South East Asian Studies
- BA in Urban Studies

**MASTER'S PROGRAMMES**

- MA in African Studies
- MA in African Studies (research)
- MA in Arts and Culture
- MA in Arts and Culture (research)
- MA in Asian Studies (60 EC)
- MA in Asian Studies (120 EC)
- MA in Asian Studies (research)
- MA in Classics and Ancient Civilisations
- MA in Classics and Ancient Civilisations (research)
- MA in Dutch Studies
- MA in European Politics and Society
- MA in History
- MA in History (research)
- MA in International Relations
- MA in Latin American Studies
- MA in Latin American Studies (research)
- MA in Linguistics
- MA in Linguistics (research)
- MA in Literary Studies
- MA in Literary Studies (research)
- MA in Media Studies
- MA in Middle Eastern Studies
- MA in Middle Eastern Studies (research)
- MA in North American Studies
- MA in Philosophy (60 EC)
- MA in Philosophy (120 EC)
- MA in Religious Studies
- MA in Russian and Eurasian Studies

**Job market survey**

Our humanities graduates are doing well: 70 percent of our bachelor's and master's students find their first job within two months of graduation. And for 83 percent of our master's students that first job is at a higher professional or academic level. These are the results of the Faculty of Humanities job market survey that is held every four years. Many people think that humanities graduates end up in education, but the survey shows that the majority find work in other sectors, such as government, business and consultancy. For the results of the research see [baannajestudie.nl](http://baannajestudie.nl).



**Museums, collections and society**

Museums are increasingly the subject of societal debate. This could entail discussions about looted art, Nazi art or the use of the term 'Golden Age'. Pieter ter Keurs, Professor of Museums, Collections and Society, sees this as a positive development: 'For a long time, museums maintained that they were objective and politically neutral, but these days they can no longer do that. Museums need to show the societal context of exhibits and explain their background on the basis of scientific research.' Leiden is the ideal place for collection-focused research and education in museology. Ter Keurs wants to use his new professorship to bring together knowledge, research and education in the field of collections, heritage and museums in Leiden and the surrounding area.





### Humans of Humanities: the movie

The Faculty of Humanities covers a wide range of academic fields. What is the common ground of all the different academics and students there? Why does their work matter in today's world? In the short documentary *Humans of Humanities*, academics, students and alumni from the Faculty of Humanities talk about how important the humanities are. Professor Rob Zwijnenberg tells us about why we shouldn't lose sight of the ethical objections to genetic manipulation and alumna Joke Bruynzeel talks about the value of cultural knowledge to international business. The premiere of the film was on 9 March 2020 in Trianon cinema in Leiden. Watch the film at: [www.universiteitleiden.nl/humanitiesmovie](http://www.universiteitleiden.nl/humanitiesmovie)



### Unique Huizinga lecture

The Huizinga lecture has been given every year since 1972. Author and columnist Maxim Februari had the honour of giving the 49th Huizinga lecture in 2020. In this exceptional year when the coronavirus held sway, the lecture did not take place in its normal venue, Pieterskerk, but in the Great Auditorium of the Academy Building, and there was no audience. Instead, hundreds of people watched Februari's lecture on 'Bad art' on 11 December 2020 via a livestream. His lecture centred on how artists and writers are expected to help shape the post-corona world and contribute to our recovery. But, Februari asked: 'Does art not have better things to do?'



## LEIDEN LAW SCHOOL

# International and innovative over the full breadth of the law

Leiden Law School aims for excellent international and innovative research over the full breadth of the law. Every year over 1,000 students begin a bachelor's degree in Law, Notarial law, Tax Law or Criminology. A further 500 to 600 international students also come to the Faculty every year, from exchange students to students who have been selected for one of our advanced master's programmes.

Leiden Law School is housed in two beautifully restored historical buildings in the centre of Leiden. Its staff also teach and conduct research at Campus The Hague, and its Grotius Centre for International Legal Studies has a presence in The Hague too. The Law School aims to foster international collaboration, and has over 80 exchange agreements.

## RESEARCH

The Faculty's research leads to dissertations, books and other academic publications. Its staff also inform the public debate through media appearances and popular publications. At present, there are eight

research programmes at Leiden Law School:

- The Legitimacy and Effectiveness of Law & Governance in a World of Multilevel Jurisdictions
- The Progression of EU law: Accommodating Change and Upholding Values
- Effective Protection of Fundamental Rights in a Pluralist World
- Exploring the Frontiers of International Law
- Criminal Justice: Legitimacy, Accountability and Effectivity
- Coherent Private Law
- Reforming Social Legislation
- Limits of Tax Jurisdiction.

### Graduate School

The Graduate School of Legal Studies is part of the Meijers Research Institute, and its responsibilities include the Law School's PhD programmes.

### TEACHING

In the teaching at Leiden Law School the emphasis lies on the Dutch legal system. This is the area in which many of its alumni work, often in high-profile roles, for instance in the judiciary or the legal profession, or in government. To ensure that it can respond to developments in the job market, the Faculty is constantly changing its range of programmes. In the last few years, it introduced master's programmes in Financial Law, Labour Law and – unique in the Netherlands – Child Law. Its teaching is intensive and provides a wealth of opportunities for talented students.

Alongside the regular programmes, the Faculty offers online courses and a range of post-doctorate training programmes for lawyers and other law graduates or professionals whose work has a legal slant. It also offers summer schools for students and professionals, organised together with international partners.

### FACTS AND FIGURES 2020



**6,015 students:** 3,887 bachelor's students and 2,128 master's students



**580 staff** (385 academic and 195 non-academic)



#### Institutes:

- Institute for Criminal Law
- Institute for Interdisciplinary Study of the Law
- Institute for Private Law
- Institute for Public Law
- Institute of Tax Law and Economics



**36 doctorates**



**Top-25** of the QS World University Rankings and THE World University Rankings by Subject (best law faculty in the Netherlands).

### BACHELOR'S PROGRAMMES

- BSc in Criminology
- LL.B in Law
- LL.B in Notarial law
- LL.B in Tax Law

### MASTER'S PROGRAMMES

- LL.M. in Advanced Studies in Air and Space Law
- LL.M. in Advanced Studies in European and International Business Law
- LL.M. in Advanced Studies in European and International Human Rights Law
- LL.M. in Advanced Studies in Global & European Labour Law
- LL.M. in Advanced Studies in International Children's Rights
- LL.M. in Advanced Studies in International Civil and Commercial Law
- LL.M. in Advanced Studies in International Dispute Settlement and Arbitration
- LL.M. in Advanced Studies in Law & Digital Technologies
- LL.M. in Advanced Studies in Law & Finance
- LL.M. in Advanced Studies in Public International Law
- LL.M. in Child Law
- LL.M. in Law
- LL.M. in Notarial law
- LL.M. in Tax Law
- MSc in Crime and Criminal Justice
- MSc in Forensic Criminology
- MSc Law & Society

### **Working from home good for wellbeing**

Maral Darouei was awarded a PhD in June for research into the effects of working from home, a subject that has become more topical than ever since the coronavirus outbreak. In her research Darouei describes the effect of certain factors on our career success. 'My research shows that employees experience less time pressure and fewer work-family conflicts. This suggests that the daily decision to work from home can help create a sustainable career. However, employees who regularly work from home do receive lower performance appraisals. This is because their managers believe their "work centrality" – the importance people attach to their work – and commitment to the organisation to be lower.'



### **New platform for information about children's rights**

Leiden Children's Rights Observatory is an open access online database on children's rights that serves as a platform for discussions on children's rights issues all around the world. Initiator and Professor of Children's Rights Ton Liefwaard: 'The Committee on the Rights of the Child in Geneva considers complaints by children about violations of their rights. A need emerged for knowledge about this right to complain. The platform collects case notes by experts all around the world on decisions made by this Committee. Authors on the platform describe current developments in children's right to complain. And researchers publish analyses of tricky legal issues. This helps in the academic and societal debate about children's rights.'





### Law students investigate cold cases

The Cold Cases course is a collaboration between Leiden University and the police, and focuses on cold cases: unsolved homicides or major crimes with a minimum penalty of 12 years. The aim of the course is to analyse such a case and to come to new insights. A group of 15 students are supervised as they set to work on a case chosen by the police. The students analyse the case files and write an action plan for the investigation. This is a good example of collaboration between Leiden Law School and partners from the profession.



### Consortium builds coronavirus test app

The uNLock consortium has developed an open source, non-profit app that verifies corona tests at the maximum level of security. The app is based on privacy-by-design: a visitor is admitted to the coronavirus test without data being stored or more being found out about this visitor than that they meet the entry requirements. The consortium includes Leiden University, Delft University of Technology and business partners. Leiden Law School is providing information on privacy, human rights and data protection. 'The collaboration between experts in law and in technology ensures well-conceived solutions and maximum privacy,' said Bart Custers, Professor of Law and Data Science.



MEDICINE/LUMC

# A clear vision and mission for healthcare

At the Leiden University Medical Center (LUMC) we aim to improve both the healthcare system and the health of the individual. The health of the world's population is one of the greatest challenges of our times. The LUMC believes that this challenge demands a clear vision and mission.

Teaching, research and patient care come together under one roof at the LUMC. Students are trained for lifelong innovation and learning. Researchers gain inspiration and test their findings in clinical practice. Patients can be assured that they will receive state-of-the-art treatment. The LUMC believes not only in cure but also in prevention. We like to think of this as pushing the boundaries of medicine.

## RESEARCH

The research at the LUMC is closely linked to the clinical care in the hospital, which gives the LUMC its own individual personality and a different or-



PHOTO: BART MAAT (ANP)

organisational structure from the other faculties. It has ten research profiles, which inspire innovative communities, each of which is linked to several clinical and pre-clinical departments.

The LUMC works together with other faculties on various interdisciplinary themes. It also participates in dozens of partnerships at the Leiden Bio Science Park (LBSP) as well as in the Netherlands and abroad. In this past (coronavirus) year the LUMC and Leiden University have entered a strategic partnership with Janssen Pharmaceuticals. In the coming years this partnership at the LBSP will focus on drug development for infectious diseases, new innovative methods for drug delivery, eHealth applications, bringing together clinical processes and talent exchange.

### Graduate School

Medical and biomedical PhD candidates can follow a programme at the LUMC Graduate School. The School's programmes are jointly developed by Leiden University and the LUMC.

### TEACHING

The teaching, programmes and continuing education at the LUMC is innovative, in terms of both form and content. The content is based on developments in science, healthcare and society. The LUMC programmes focus on practitioners who are fully aware of the broader context in which they are working: society, the organisation and the other disciplines with which they collaborate.

### FACTS AND FIGURES 2020

 **2,754 students:** 1,371 bachelor's students and 1,383 master's students

 Around **8,800 staff** (total LUMC)

 **Societal priorities:**

- Oncology
- Regenerative medicine
- Population Health

 **162 doctorates**

 **Stevin Prize** for Ton Schumacher (in collaboration with NKI) and **Spinoza Prize** for Jacques Neefjes.

### BACHELOR'S PROGRAMMES

- BSc in Biomedical Sciences
- BSc in Clinical Technology *with TU Delft and Erasmus University Rotterdam*
- BSc in Medicine

### MASTER'S PROGRAMMES

- MSc in Biomedical Sciences
- MSc in Medicine
- MSc in Pharmacy
- MSc in Technical Medicine *with TU Delft and Erasmus University Rotterdam*
- MSc in Vitality and Ageing



### Augmented reality in education

Medical students in Leiden can identify various lung conditions more easily with the new augmented reality application AugMedicine: Lung Cases. The application was developed by the Clinical Teaching unit at the Department of Internal Medicine and the Leiden University Centre for Innovation.

### Clinical technologists of the future

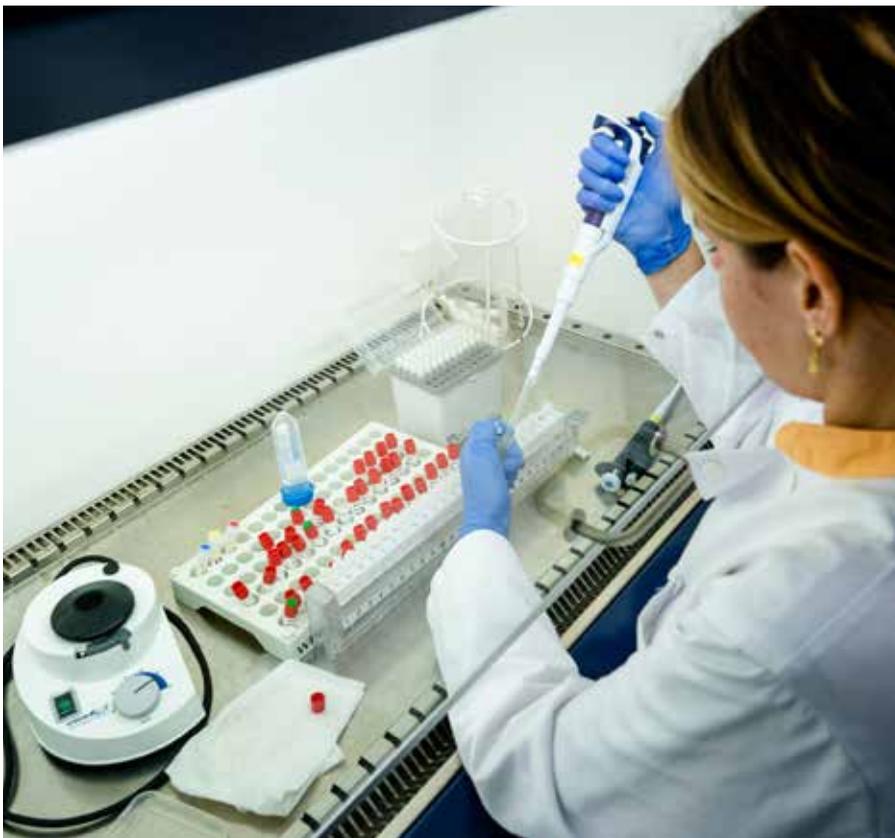
Medical technology is an integral part of healthcare today. These innovative treatment methods call for a new kind of medical professional with both medical and technical knowledge who is able to bridge the gap between technology and patients. The first ten students from the three-year master's programme in Clinical Technology were awarded their degrees in September 2020 in Leiden's Academy Building. During the coronavirus crisis, these students used their technical knowledge to provide support to the healthcare sector. When there was a shortage of ventilators during the first wave of the pandemic, they decided to produce them themselves. This exceptional master's programme is offered by Leiden University, Delft University of Technology and Erasmus University Rotterdam (LDE Universities). These three world-class centres also work together in the field of clinical technology in the Medical Delta.





### Arianna Pranger Lecturer of the Year

Lecturer and hospital pharmacist Dr Arianna Pranger won the Leiden University Student Platform (LUS) Remote Teaching Prize in 2020. She was awarded the prize during the Opening of the Academic Year at Leiden University. The jury praised her activating teaching, the clear structure of her course, Pharmacy, and the way she incorporated topical themes in the online methods that she offered. Pranger will be a Teaching Fellow at the Leiden Teachers' Academy for the next few years.



### Coronavirus and the LUMC

The news in 2020 was more or less dominated by coronavirus. Experts from the LUMC were regularly asked to share their knowledge about the virus in newspapers and talk shows or on the radio. As well as providing patient care, the LUMC is also conducting extensive research on the virus. Our researchers are involved in major international programmes that are working on virus inhibitors and a potential vaccine. Studies have also started on new treatments for patients, and our researchers are examining the effect of the production of antibodies to the virus. Our students also played a part in the fight against coronavirus. During the first wave, when all residencies in the LUMC were temporarily halted, dozens of students registered for the LUMC's pool of flex workers. They were assigned to different departments – including COVID departments – where they provided support, such as helping staff put on and remove protective clothing.



## SCIENCE

# Curiosity-driven and ground-breaking

At the Faculty of Science, students and staff work together in a dynamic, international environment in which personal and academic development have the highest priority. Driven by curiosity, our people look beyond existing boundaries to increase our fundamental knowledge. They do so for the sake of science but also in a bid to resolve the major challenges of the future.

**W**e are situated in the heart of the Leiden Bio Science Park, one of Europe's largest science parks, where the University and businesses come together. The Faculty works closely with the Leiden University Medical Center (LUMC) and Delft University of Technology as well as with partners from industry, business and government.

## RESEARCH

Our researchers from different disciplines work together to come up with solutions to societal problems.

The research in the Faculty is organised into two research profiles:

### Fundamentals of Science

Astronomers, mathematicians, chemists, biologists and physicists conduct research into the youngest planets and the oldest galaxies, the largest numbers and the smallest particles. They do this out of a fascination with the unknown. At the same time, their fundamental and sometimes very technical work forms the basis of research into complex macrosystems, such as datasets or biological perspectives. Examples of this research include:

- Data Science
- The Quantum Computer
- Exploring the Universe
- Sustainable Energy
- Artificial Intelligence.

### Bioscience: the Science Base of Health

Recent developments in the life sciences have created exciting opportunities for fundamental research and clinical applications. Gene manipulation techniques and knowledge about the human genome and model organisms are affording us a high level of control over important biological processes. This is delivering new insights into the working of cells, organs and organisms. Examples of this research include:

- Effective Drug Development
- Keeping the Planet Liveable.

### Graduate School

The Graduate School of Science offers eight PhD programmes in the field of science.

### TEACHING

The teaching at the Faculty covers the disciplines of mathematics, computer science, astronomy, physics, chemistry, bio-pharmaceutical sciences, biology and environmental sciences. Students are given a firm disciplinary grounding in the bachelor's programmes, and in the transition to the master's phase they learn not only to specialise but also to work together with students from other disciplines. The teaching is closely linked to the multidisciplinary research at the Faculty.

In the research periods, students have a high degree of one-on-one contact with researchers. They are supervised in a mentor and tutor system. Mentors are older students who help show first-year students the ropes. Tutors are lecturers who help students with academic questions or if they are behind in their studies, for instance.

### UNIQUE LAB

The lab in the Faculty of Science's Gorlaeus Building is one of the lowest-vibration areas in the world. It has 16 low-vibration 'islands', each of which rests on a separate set of springs that absorb almost all vibrations. Our researchers use these islands for experiments that cannot tolerate the slightest disruption, for instance observations at the atomic level with ultra-sensitive microscopes.

### FACTS AND FIGURES 2020

 **5,711 students:** 3,438 bachelor's students and 2,273 master's students

 **1,370 staff** (970 academic and 400 non-academic staff)

#### Institutes:

- Institute of Biology Leiden
- Institute of Environmental Sciences
- Leiden Academic Centre for Drug Research
- Leiden Institute of Advanced Computer Science
- Leiden Institute of Chemistry
- Leiden Institute of Physics
- Leiden Observatory
- Mathematical Institute

 **120 doctorates**

 Mathematics (BSc) was one of the top programmes in Keuzegids, the consumer guide to universities, for **five successive years**.

### BACHELOR'S PROGRAMMES

- BSc in Astronomy
- BSc in Biology
- BSc in Bio-Pharmaceutical Sciences
- BSc in Computer Science
- BSc in Life Science and Technology
- BSc in Mathematics
- BSc in Molecular Science and Technology
- BSc in Physics

### MASTER'S PROGRAMMES

- MSc in Astronomy
- BSc in Biology
- MSc in Bio-Pharmaceutical Sciences
- MSc in Chemistry
- MSc in Computer Science
- MSc in Pharmacy
- MSc in Governance of Sustainability
- MSc in ICT in Business and the Public Sector
- MSc in Industrial Ecology
- BSc in Life Science and Technology
- MSc in Mathematics
- MSc in Media Technology
- MSc in Physics
- MSc in Statistical Science for the Life and Behavioural Sciences

**New insight brings sustainable hydrogen closer**

Leiden chemists Marc Koper and Ian McCrum have discovered that the degree to which a metal binds to the oxygen atom of water is decisive in the chemical conversion of water to molecular hydrogen. This insight will help develop better catalysts for the production of sustainable hydrogen. This is an important raw material for the chemical industry and is also the fuel needed for environmentally friendly hydrogen cars. The research was published in the journal Nature Energy.



**Girl power and science at Girls in Science Day**

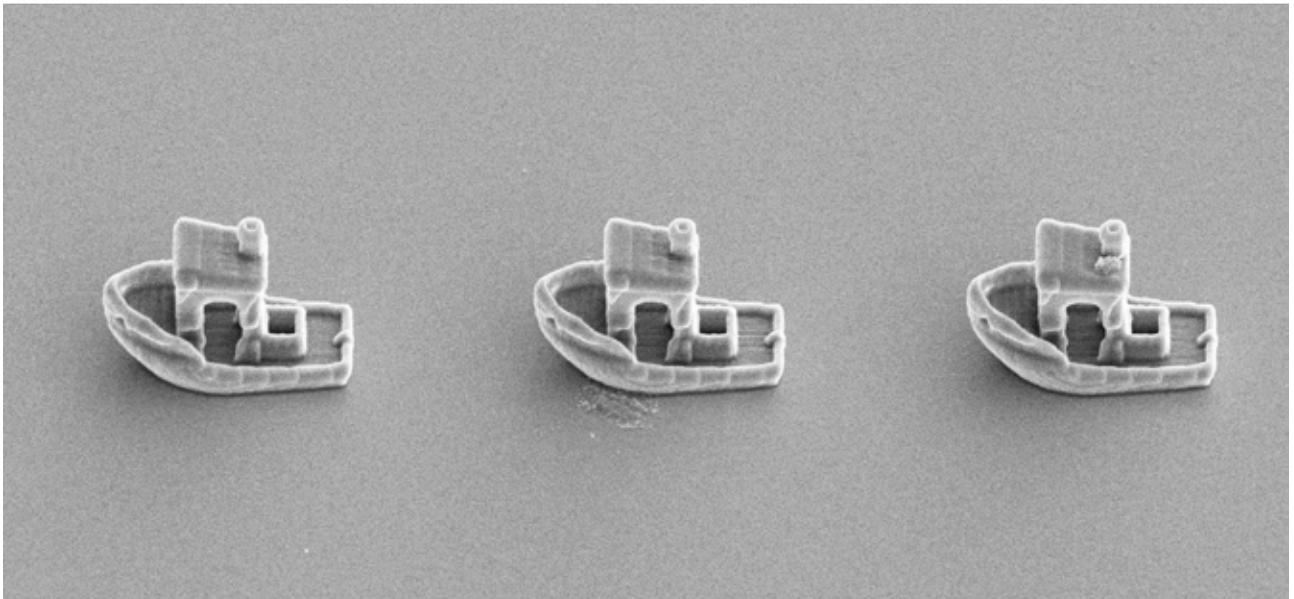
Working on superconductivity, finding an exoplanet or learning how to program with Python. More than 100 girls came Leiden University in February to find out about science on Girls in Science Day. In addition to the workshops, the girls also had the opportunity to speed date with 15 women with a background in physics, astronomy or computer science. They spoke about their experience of working in business, government or academia. The aim of the day is to inspire girls and give them information about the many possibilities of the fields of physics, astronomy and computer science. Even though the proportion of female science students is increasing, women are still underrepresented in science.





### Biology students pick up litter

With a binbag in one hand and a litter picker in the other, groups of biology students wandered through Leiden Bio Science Park in September. As an introduction to the Master's programme in Molecular Genetics and Biotechnology, the students explored the Park, while at the same time picking up litter and aiding scientific research. Dennis Claessen, an associate professor at the Institute of Biology Leiden (IBL), and Han de Winde, Director of Education at the IBL, came up with the idea of an environmentally friendly introduction to the Park, with the aid of Plastic Spotters Liselotte Rambonnet and Auke-Florian Hiemstra. The students picked up over 2,000 pieces of litter. An app is making it possible to pinpoint what type of litter is found where, and where the hotspots are. This should lead to a more targeted approach to litter prevention.



### Micro boat from a 3D printer

This minuscule boat is mind-blowing. Printed by a 3D printer, it measures just 30 micrometres from prow to stern, about a third of the thickness of a hair. It was printed by Leiden physicists Rachel Doherty, Daniela Kraft and colleagues. The image was made using an electron microscope and can be found in their article about 3D printing synthetic microswimmers in the scientific journal *Soft Matter*. Kraft's research group is experimenting with microswimmers, small particles that move in fluids and can be followed with a microscope. One of the goals of the experiments is to understand the behaviour of biological microswimmers, such as bacteria. The pictures of the boat, which is invisible to the naked eye, hit the headlines both in the Netherlands and abroad.



SOCIAL AND BEHAVIOURAL SCIENCES

# Insight into societal change

At the Faculty of Social and Behavioural Sciences, anthropologists, experts on education and child studies, political scientists, psychologists and experts in scientific research are increasing our understanding of current developments in society. With modern research methods these disciplines are developing fast, and interdisciplinary research is helping provide answers to societal issues. In our programmes our students acquire the fundamental knowledge, skills and attitude that are associated with the social and behavioural sciences.



## FROM THEORY TO PRACTICE

Coronavirus changed the way we organise our work and private life from one day to the next. Economic and cultural life also came to a standstill and had to be reimagined. Social and behavioural scientists proved to be essential advisers here. Working from home can be a challenge with a family in the background, and behavioural change takes time. On the basis of research into vulnerable families, experts on education and child studies advised that a daily schedule can help minimise stress in the family and that seeking support in uncertain times can help. And psychologists explained to politicians, citizens and professionals why it is difficult for people to stick to the new rules. Based on their research, they advised that when communicating new rules it is extremely important to offer some perspective by using positive examples. Researchers prioritised sharing data and accelerating research using 'open science' models. Political scientists provided policymakers with a sharp analysis of their working methods and communication style.

## THE ROLE OF THEORIES AND MODELS

Anthropologists discovered an interesting interaction between experts' theories and the public. Whereas their research sometimes leads experts to present contradictory theories, the public will use the theory that appeals most to give shape to their daily life. Experts on scientific research gave their fellow researchers five principles to help maintain public confidence in modelling by setting realistic expectations about the predictive value of such models. Conclusions based on models are used to guide policy in the real, uncertain world.

## FACULTY WITH PRACTICAL EXPERIENCE

The Faculty also gained experience in applying new insights. Master's students did so, for instance, within the scope of 'Healthy University'. Under the supervision of their lecturers, they designed and gave workshops about healthy behaviour to the staff and their fellow students.

## FACTS AND FIGURES 2020



**6,346 students:** 4,309 bachelor's students and 2,037 master's students



**750 staff** (542 academic and 208 non-academic staff)



**Institutes:**

- Centre for Science and Technology Studies
- Institute of Cultural Anthropology/Development Sociology
- Institute of Education and Child Studies
- Institute of Political Science
- Institute of Psychology



**25 doctorates**



In the **top 40** of THE World University Rankings by Subject

## BACHELOR'S PROGRAMMES

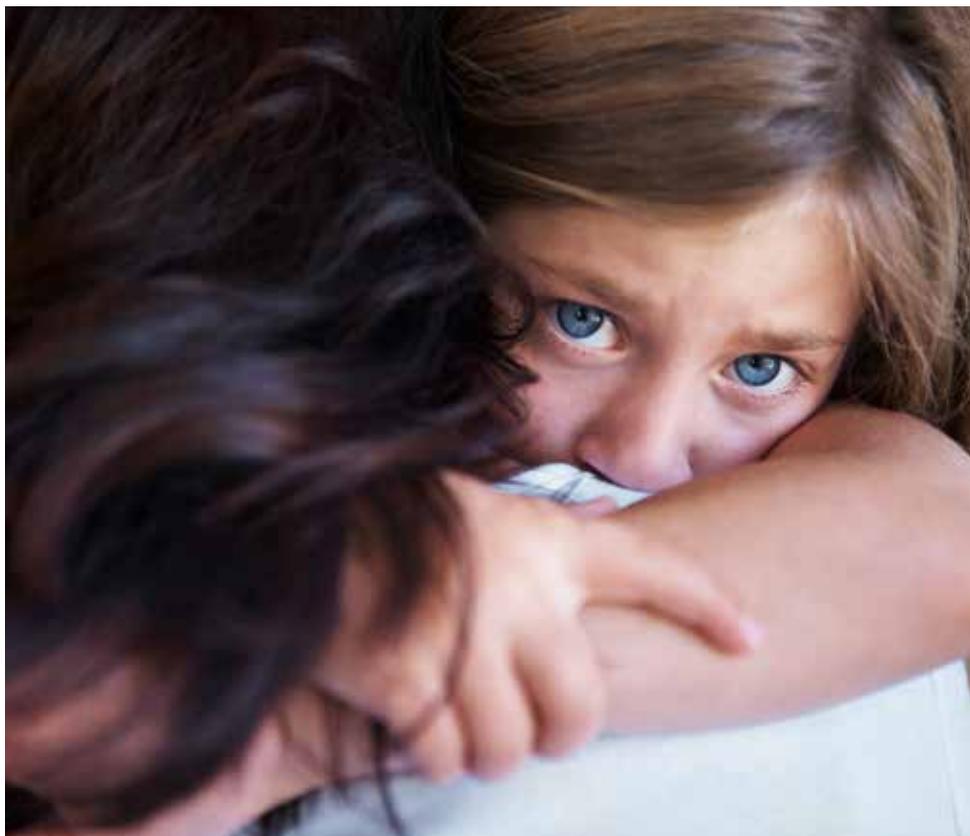
- BSc & BEd in Teaching
- BSc Cultural Anthropology and Development Sociology
- BSc International Relations and Organisations
- BSc in Education and Child Studies
- BSc in Political Science
- BSc Psychology

## MASTER'S PROGRAMMES

- MSc Cultural Anthropology and Development Sociology
- MSc Developmental Psychopathology in Education and Child Studies (research)
- MSc Education and Child Studies
- MSc Political Science
- MSc Psychology
- MSc Psychology (research)

### Children and anxiety

Child and developmental psychologist Anke Klein is an expert on anxiety in children. Klein's research centres on how anxiety is passed on from parents to children. How does anxiety come about, what are the factors that sustain it and how can it be treated? 'As researchers, we are very keen to find a way of helping children, particularly in these times of the coronavirus pandemic. What's particularly important is to share reliable information and to offer guidance based on the latest scientific insights.' Klein talks about children's and parents' anxiety and concerns in different media, and gives parents and children advice on how to deal with these issues.



### Responsible use of science

The Centre for Science and Technology Studies (CWTS) studies scientific research. It published the Leiden Manifesto in 2013, which sets out ten principles for better research evaluations. Three items were added in 2020. First: five principles for the responsible use of scientific models to maintain society's confidence in such models. This is a very topical issue since the coronavirus measures are based in part on scientific models. Second: nine ways to safeguard research integrity in daily practice. Third: the advice to make brief summaries of scientific articles publicly available so that anyone can find relevant research.





### Learning with the city

At a meeting of Leiden's Learning with the City partnership (the city, the universities and societal organisations), Simone de Boer, a lecturer in cultural anthropology, explained how together students and societal parties can achieve something new. Her anthropology students were asked to help come up with ideas on how a welfare organisation could attract new multicultural volunteers and clients. The students researched the work process and made the following recommendation: make sure that the mentors are given good cultural sensitivity training. This is an example of how you can put yourself in someone else's shoes and how you can think and talk from another perspective. 'New questions and insights arise during such collaborative work, and that benefits both sides,' said De Boer.



### What happens when we engage in caregiving?

What happens in our bodies when we engage in caregiving? Professor Peter Bos, from the Institute of Child and Education Studies, wants to find out what factors have an impact on our caregiving behaviour and the role played by hormones and the brain. He explained his research in Dutch television programme *Grote Vragen* (Big Questions). And in his book *Verbonden* (Connected), he explains that our entire biological make-up primes us for caring for one another and forming relationships. Bos hopes his research will contribute to the further integration of psychological and neurobiological insights on human caregiving behaviour and child development.



# Universiteit Leiden

The Netherlands

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