

# About us

2022



Universiteit  
Leiden  
The Netherlands

# Contents

## Read about our:

- Vision ..... 6
- Teaching ..... 8
- Research ..... 10
- Impact ..... 12
- Collections and facilities ..... 14
- Sustainability ..... 22
- Diversity ..... 23
- Alumni ..... 26
- Interfaculty institutes ..... 27

## Discover our:

- Facts and figures ..... 4
- Prize winners ..... 16
- Partnerships ..... 18
- History ..... 24

## Get to know our faculties:

- Archaeology ..... 28
- Governance and Global Affairs ..... 32
- Humanities ..... 36
- Leiden Law School ..... 40
- Medicine/Leiden University Medical Center ..... 44
- Science ..... 48
- Social and Behavioural Sciences ..... 52



**16**  
**Prize winners**

**History 24**



The Leiden University charter from 1575.



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Photography in this brochure: Some photos in this brochure were taken before the pandemic and others were taken during the period in which restrictions were in place.





**PRESIDENT**  
**Annetje Ottow**

Strategy, knowledge transfer, alliances and external relations

'Connection is a core value in our work, but other values also guide our work: we want to be innovative in our research and teaching, act responsibly towards others and maintain the freedom to have different opinions and a different outlook. People and the way we relate to one another are key, particularly at a time when we are under threat from a pandemic and climate change and when so much is being asked of the University. We are able to make a significant contribution and we intend to do just that: we have impact. This impact will increase because society needs knowledge and education to resolve its problems. In my work as president, the connection with others is paramount: our campuses in Leiden and The Hague, in the region, nationally and beyond the country's borders. A lunch with directors of Leiden's museums is just as valuable as a discussion in Brussels about research funding. But this can only work if we are willing to listen to one another. This is what will make a real contribution to progress, and to a better world.'



**RECTOR MAGNIFICUS**  
**Hester Bijl**

Research and teaching

'I am glad that connection is an important theme running through our strategy; it is important in so many domains. Take, for example, the connection between research and teaching, among disciplines, among ourselves as members of the University community, between our students and our lecturers, between the University and society – and there are many more examples I could mention. Combining perspectives from different disciplines gives rise to new scientific insights. And, not only that, societal issues are so complex that connections between disciplines and players are crucial. At the same time, we want to continue to nurture independent, free research: this can lead to breakthroughs that are important for science and society, even though we may not know yet when these breakthroughs will occur or what they will be. We have fantastic researchers who are active in our teaching. We are committed to developing the talents of our students and staff, and at the same time we have to address the staff workload and make choices. We also need to look after the well-being of our students. That is something we want to protect and promote.'



**VICE-CHAIRMAN**  
**Martijn Ridderbos**

Finance, real estate, ICT and research infrastructure, HRM

'Reflecting on how we, as colleagues and staff at the University, treat one another is "personal leadership". It's a matter of thinking about who you are and the effect you have on others. A good conversation and listening to each other is so important to us all. This could be about our personal development or career, but equally it could be about our workload and stress. Let's also look together at smart and simple ways to provide the optimal support for our research and teaching through our business operations. If the basics are in order, this gives room for innovation. It is important to try to see the world as others see it. Working across disciplines to make improvements is the key to success. Ultimately, we are all in this together, and we will determine together whether our new strategy will be a success, and whether we as a university truly connect and innovate. If we are able to have this conversation in the coming period, also about the choices we need to make, it will be an enormous help.'

# Facts and figures 2021

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

 **30** research institutes

 **615** professors

 **29 %** female professors

 **7,600** staff

 **€ 707** m turnover

 **2** cities

## RESEARCH

  
Scientific publications:  
**6,400**

  
NWO grants:  
**16**

  
European grants (ERC):  
**6**

  
Doctorates:  
**446**

## TEACHING

 Bachelor's programmes: **47**

 Master's programmes: **81**

Bachelor's students  
**21,991**

  
Students:  
**34,178**

Master's students  
**12,187**

**128**  
Nationalities

## SUCCESSFUL STUDENTS

  
Total alumni:  
**133,764**

  
Alumni abroad:  
**9,835**

Graduates per year:  
Master's **4,685** Bachelor's **4,813**

These figures are based on data available in January 2022. See [www.universiteitleiden.nl/en](http://www.universiteitleiden.nl/en) for the latest information.

# One university, two cities



One 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 partners such as the Leiden University Medical Center, the Leiden Bio Science Park and, as a symbol of our history, the Academy Building. 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.

Leiden University has been in The Hague since 1999. All seven faculties are active at Campus The Hague and almost 20% of the total number of our students study here. Over 500 of the University's members of staff work

in The Hague. Leiden University has chosen to be one university in two cities.

The teaching, research and impact of Campus The Hague closely reflect the profile of The Hague – city of peace, justice and security – and the many opportunities offered by the city. Our teaching in The Hague focuses on five core themes:

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

We research societal issues from different disciplines, and our teaching also follows this interdisciplinary approach.

These five themes are directly connected with The Hague as the

international city of peace and justice, where there is an enormous diversity of players who are active in these domains.

## 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 help us make the maximum impact, not only in scientific terms, but also in terms of culture, society and the economy.

The 2020-2030 strategy for Campus The Hague sets out our ambitions for The Hague over the coming years.

# Innovating and connecting

As a leading European research university, located in the cities of Leiden and The Hague, Leiden University plays a prominent role in society. 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.

**C**uriosity drives our researchers to seek new knowledge – even if this does not immediately lead to demonstrable applications. We trust that sooner or later this fundamental knowledge will help make the world a better place, as Covid-19 vaccines are doing now – these are based on knowledge from fundamental research. We treasure this research. Our researchers also seek solutions to specific societal problems, which is something our teaching also contributes to.

We want to be an open and engaged university community where free speech is cherished and everyone feels they are seen and heard.

In our new strategic plan, *Innovating and Connecting (2022-2027)*, we have chosen to intensify connections and thus strengthen our disciplines and

partnerships. This will allow us to create new opportunities for research and teaching and thus increase our impact on society, while continuing to lead with our research and research-driven teaching.

## WHAT DEFINES US

### **Pioneering research and teaching**

Within our university we have a wide range of academic disciplines: the Social Sciences & Humanities (SSH), the exact sciences and the medical sciences. We are world leading in many research areas, and our teaching is of a high quality, also because of its strong links with our research.

### **Academic freedom**

Our motto *Praesidium Libertatis* – bastion of freedom – refers to Leiden's centuries-old desire to be a place of freedom of speech and thought. We see ourselves as a guardian of academic freedom, and guarantee an

open and inclusive community where everyone is able to voice their opinion.

### **International orientation**

Leiden is traditionally one of the most international universities in terms of orientation, subject matter and networks, attracting many scholars and students from within and outside the Netherlands.

### **Open and engaged community**

Our university has an environment



**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.



where everyone can develop and grow, students included. They are active in many areas. Alumni have a 'home' here, and with their financial and other contributions, they in turn create new opportunities for students and researchers.

**University in Leiden and The Hague**

Leiden University has sites in two cities: Leiden and The Hague. Our research and teaching are closely aligned to societal issues. Together with the LUMC, Leiden University

also has an important role in both cities as a local employer.

**Research facilities and collections**

We are renowned for our exceptional knowledge of languages and cultures, international collections and close ties with museums in Leiden and elsewhere. The combination of Leiden University with our close neighbour the LUMC and the Leiden Bio Science Park (LBSP) contributes to top-level research.

**Collaboration and connections**

We work closely with our local, regional, national and international partners. These include not only knowledge and educational institutions, but also companies, public authorities and other organisations.

**WHAT WE STAND FOR****Sustainability**

We want to keep our planet habitable, also for the generations that follow, and actively contribute to this.

**Diversity and inclusion**

We want to be an open community where everyone who wants to contribute feels at home and has equal opportunities. An inclusive university community is a condition for innovative and progressive teaching and research.

**Internationalisation**

We educate both Dutch and international students to be global citizens, focus on (societal) issues close to home and far away, and in our teaching and research use knowledge and understanding from beyond our national borders.

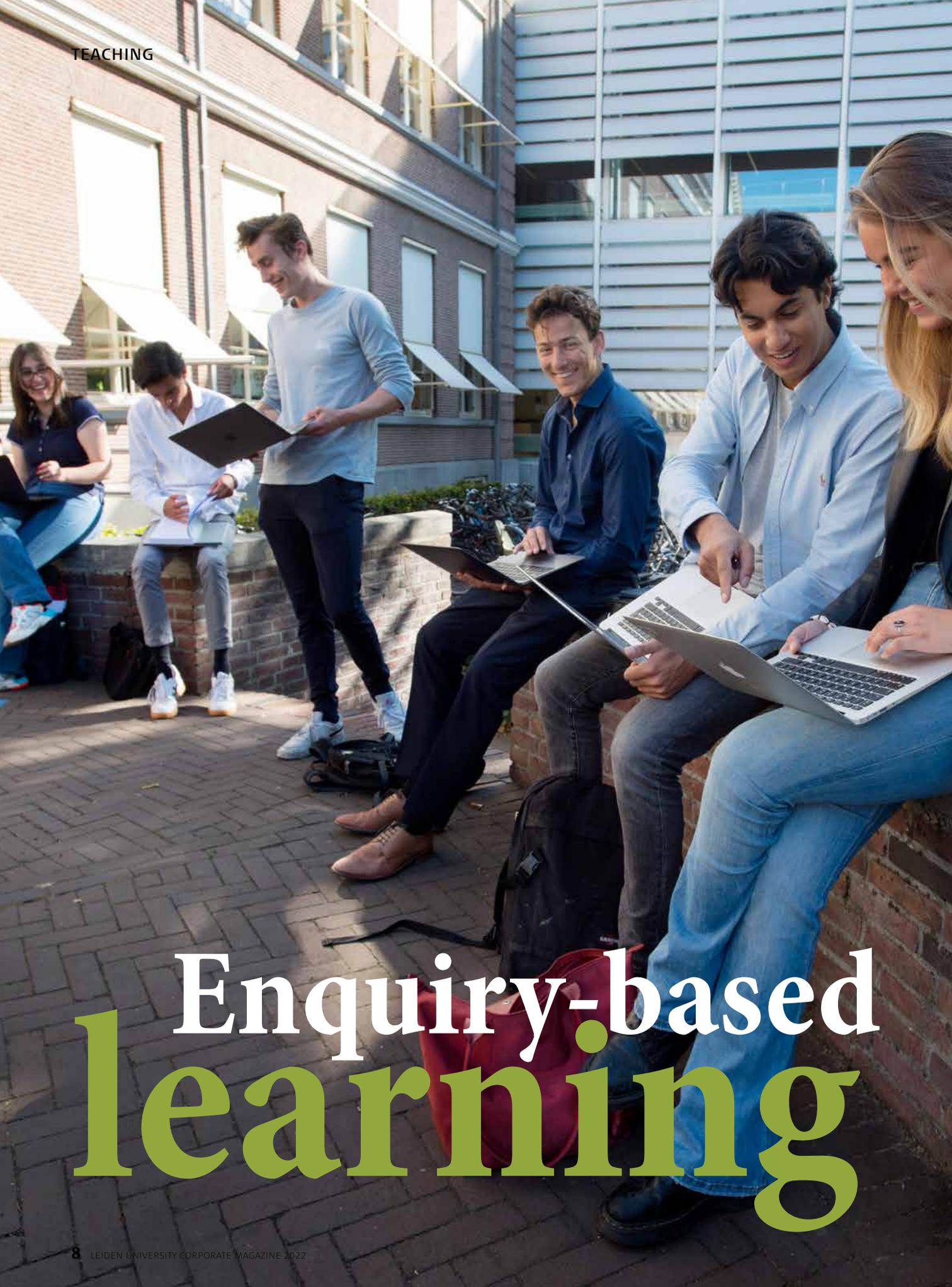
**Digitalisation**

Since the Covid-19 crisis, digital applications have become an integral part of the research and teaching process and the new ways of working. We are further developing these towards a blended university, where face-to-face interaction will continue to be at the heart of our research and teaching.

**WHAT WE AIM FOR**

Our ambitions for 2022-2027 are:

- Space for innovation: we will bring more focus to generate innovation.
- Pioneering interdisciplinary research and teaching: we will monitor and promote quality, and will cherish space for free and fundamental research.
- Future-proof student development: we will help students become academic professionals and active citizens.
- A healthy, engaged and learning community: we will continue to build an open learning organisation where staff feel at home and can make the most of their potential.
- More value through strategic collaboration: our researchers will be able to work with the best partners and the best research facilities, large and small. Collaboration in teaching and research will help in the hunt for solutions to global problems.
- Ample scope for talent and development: our people are the driving force behind our university. They are essential to providing quality. We will increase our efforts to facilitate their professional growth.



# Enquiry-based learning

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

Leiden University offers 47 bachelor's and 81 master's programmes. Eighteen 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. Bachelor's students can also take a minor – a coherent selection of courses that enables them to broaden or deepen their understanding. 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. Enquiry-based 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 wants to contribute to students' development 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 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. And in various programmes our students actively seek solutions to societal problems.

### 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. 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 suffered during the coronavirus pandemic. This has been hard for our students. We trust that better times lie ahead.

# Pioneering

With our research, we are working towards a fundamental understanding of the world around us. At the same time society looks to universities for answers to today's problems and questions. Our researchers therefore work on both research that begins with questions from society and fundamental research that pushes the boundaries of what we know.

**O**ur innovative research spans a very wide range of academic fields and has a firm disciplinary basis. From this firm basis our researchers look beyond the limits of their own discipline in many interdisciplinary collaborations and research projects. 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). Making the unknown known and pushing the frontiers of existing disciplines – that is the aim of our researchers.

## FUNDAMENTALS OF SCIENCE

From the atomic nucleus to the enigmas of the human brain and behaviour: Leiden's physicists, social and behavioural scientists and biomedical specialists study the minutest particles, the greatest infinities and the oldest galaxies. 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

At the basis of all life are complex processes inside and outside cells, involving molecules and DNA. Knowledge of the human genome, powerful microscopes and gene expression techniques give researchers 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 WELL-BEING

Leiden researchers and physicians seek the causes of and best treatments for complex diseases such as cancer. Regenerative medicine, in which stem cells play an important role, is a priority at the LUMC. Personalised medicine and population health are also major themes because prevention is key to a healthy society. This calls for knowledge of what constitutes a healthy lifestyle and an understanding of why people do not always choose this option. Health and well-being research is conducted not

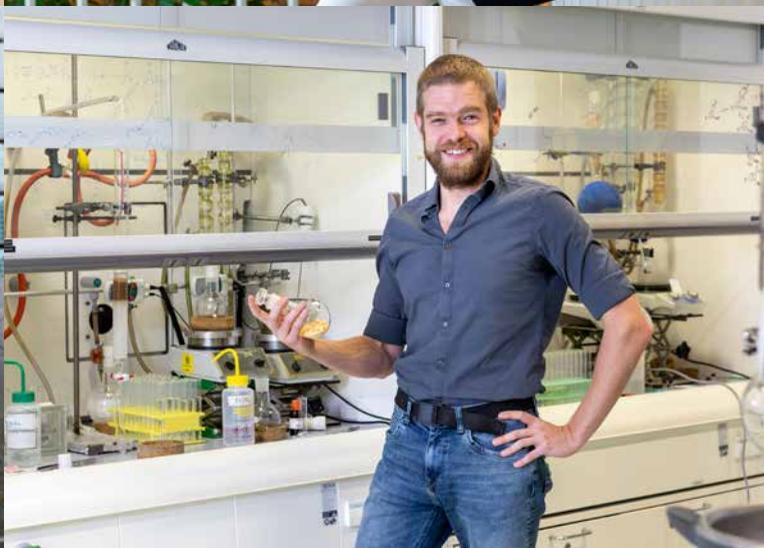
only within the clinical environment, but also outside it. Another very relevant question within this field is how best healthcare can be organised. This involves not only medical but also social, psychological, organisational and legal considerations. This is how our researchers in Leiden and The Hague work together to promote a healthier society.

## LAW, POLITICS AND ADMINISTRATION

A safe and sustainable society calls for a good 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 experts in law and criminology connect the different fields of law with insights from criminology. They have strong ties with national and international institutions and institutes.

## LANGUAGES, CULTURES, ARTS AND SOCIETIES WORLDWIDE

Our researchers study human culture in the broadest sense of the word, from both today and the distant past.



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: Serge Rombouts, Elise Dusseldorp, Gerard van Westen and Marjolijn Fokkema.

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 technological progress and the influence of the media.

### ARTIFICIAL INTELLIGENCE

From self-driving cars to innovative

drug development: artificial intelligence (AI) will change our lives in many different ways. Our computer scientists study this technology at a deep and fundamental 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.

### INTERDISCIPLINARY AND TOPICAL

From a sustainable future to a safe environment, and from a healthy society to migration issues. With its eight interdisciplinary programmes, Leiden University aims to intensify interdisciplinary cooperation in its research and teaching on topical societal issues.



'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.

# Making the world

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 the LUMC, 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 20,000 people. It is responsible for a further 8,000 indirect jobs in Leiden. We have two funds (ELF Pre-Seed and

UNIIQ) 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: at Leiden Knowledge City and PLNT (the Leiden Centre for Innovation and Entrepreneurship) in Leiden and with various partners in the field of peace, justice and security in The Hague. And further away: at our insti-



Leiden biologists are researching a new method for controlling the extremely invasive Japanese knotweed: they have released the Japanese leaf flea in the Netherlands. The first results look positive. The insects only eat the harmful plant and have managed to survive the damp Dutch winter.

# a better place

tutes 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 expertise, Leiden researchers are frequently invited to speak in the media. They also join in the public debate with their columns, podcasts, opinion pieces and presence on social media.

## 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. They work on urban issues on various projects: Knowledge Making in The Hague and Learning with the City in Leiden. And through Students for Education they support primary-school teachers and pupils in The Hague. Many students do valuable work for employers during an internship or on a study assignment. Our students can also be found doing voluntary work, organising Leiden Museum Night, for instance.

## LEIDEN2022

Leiden is European City of Science in 2022. We are celebrating this with Leiden2022: a 365-day science festival for anyone with a curious spirit. From conferences to community activities: see [Leiden2022.nl](https://www.leiden2022.nl) for the programme.



*Amorphophallus decus-silvae* flowered at de Hortus botanicus for the first time in 24 years. This 'penis plant' as it is known attracted a lot of attention.

Bioprinters make it possible to emulate human tissues. Researchers use the printed tissues to test new drugs, for example.



# Unique to Leiden

Researchers at Leiden University have access to cutting-edge equipment and research facilities. These include high-tech 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. Researchers from all over the world come to the Leiden University Libraries for the unique collections.

## THE UNIVERSITY LIBRARY

Leiden University Libraries (UBL) curate an enormous archive that includes books, world maps, manuscripts, letters, photographs, drawings and other objects. 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.

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

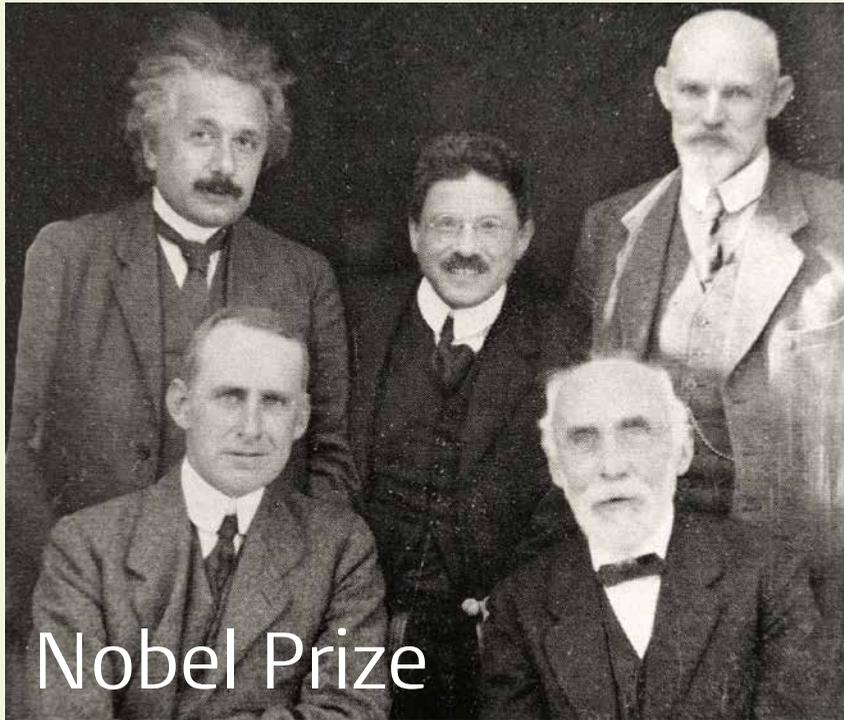
conduct research on plant diversity to ultimately arrive at an even better understanding of the genealogy of life. The Hortus also works together with other botanical gardens in the Netherlands to cultivate plants that are under threat of extinction.

## ADVANCED FACILITIES

In 2022 the LUMC will start building the largest stem-cell facility in the Netherlands, Necstgen. This will take the research into regenerative medicine to another level.

Extremely advanced instrumentation can be found in the buildings of our Faculty of Science. The powerful NeCEN electron microscope, for instance, which researchers use to study molecular processes in cardiovascular disease, infectious diseases and cancer. With the aid of the NMR facility, researchers study the synthesis of certain molecules to gain an understanding of the structure and dynamic of proteins. And through our Open Access Research Infrastructure much of our high-tech equipment is also available to others.

# Our laureates



Great physicists Einstein, Ehrenfest, De Sitter, Eddington and Lorentz in a study in Leiden in 1923. Einstein and Lorentz both won a Nobel Prize.



*Nieuwscheckers* were rewarded for their services to science communication by The Royal Netherlands Academy of Arts and Sciences (KNAW). The team received funding from the Appreciated! pilot fund for their health and politics factchecking.

## Leiden Stevin winners

Three of our researchers have received the NWO Stevin Prize for exceptional success in the area of knowledge exchange. These are our Stevin winners:



2021

**Professor Judi Mesman**

EDUCATION AND CHILD STUDIES



2020

**Professor Ton Schumacher**

IMMUNE TECHNOLOGY



2019

**Professor Andrea Evers**

PSYCHOLOGY

# Leiden Spinoza Winners

We have received the highest number of NWO Spinoza Prizes – 25 of our researchers have been awarded this prize, the highest distinction in the Dutch scientific world. These are our Spinoza winners:



2021  
**Professor Maria Yazdanbakhsh**  
 CELLULAR IMMUNOLOGY



2021  
**Professor Marc Koper**  
 CATALYSIS AND SURFACE CHEMISTRY



2020  
**Professor Sjaak Neefjes**  
 CHEMICAL IMMUNOLOGY



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

# Working with partners



## 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, which is 110 hectares in size and is close to the University's Science Campus and the LUMC, houses 369 companies and institutions, with over 20,000 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.

More than ever before, knowledge sharing and collaboration are key concepts in our research and teaching. 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 moves us forward. Close to home, we work intensively with businesses, museums, schools, the municipalities of Leiden and The Hague and other universities. And of course Leiden University Medical Center (LUMC) is an important partner. In *Universiteiten van Nederland*, the 14 Dutch universities work together with government and non-profit organisations.

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 in the strategic alliance 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.

### EUNIWEEL AND UNA EUROPA

EUniWell, the European University for Well-Being, is an alliance of seven universities with a strong focus on promoting health and well-being, lived environments and the climate. Alongside Leiden, the universities of Birmingham, Cologne, Florence, Linnaeus, Nantes and Budapest are members.

New for 2022 is Una Europa, an alliance with eight universities in Berlin, Bologna, Edinburgh, Helsinki,

Krakow, Leuven, Madrid and Paris. Leiden University has joined this alliance, which focuses on European studies, sustainability, cultural heritage, data science and artificial intelligence and 'one health'.

These alliances provide students, researchers and lecturers new, international opportunities for collaboration and development. Together they show that diversity and working beyond disciplinary and national borders is the best way to respond to the challenges within universities as well as in society and the world as a whole.

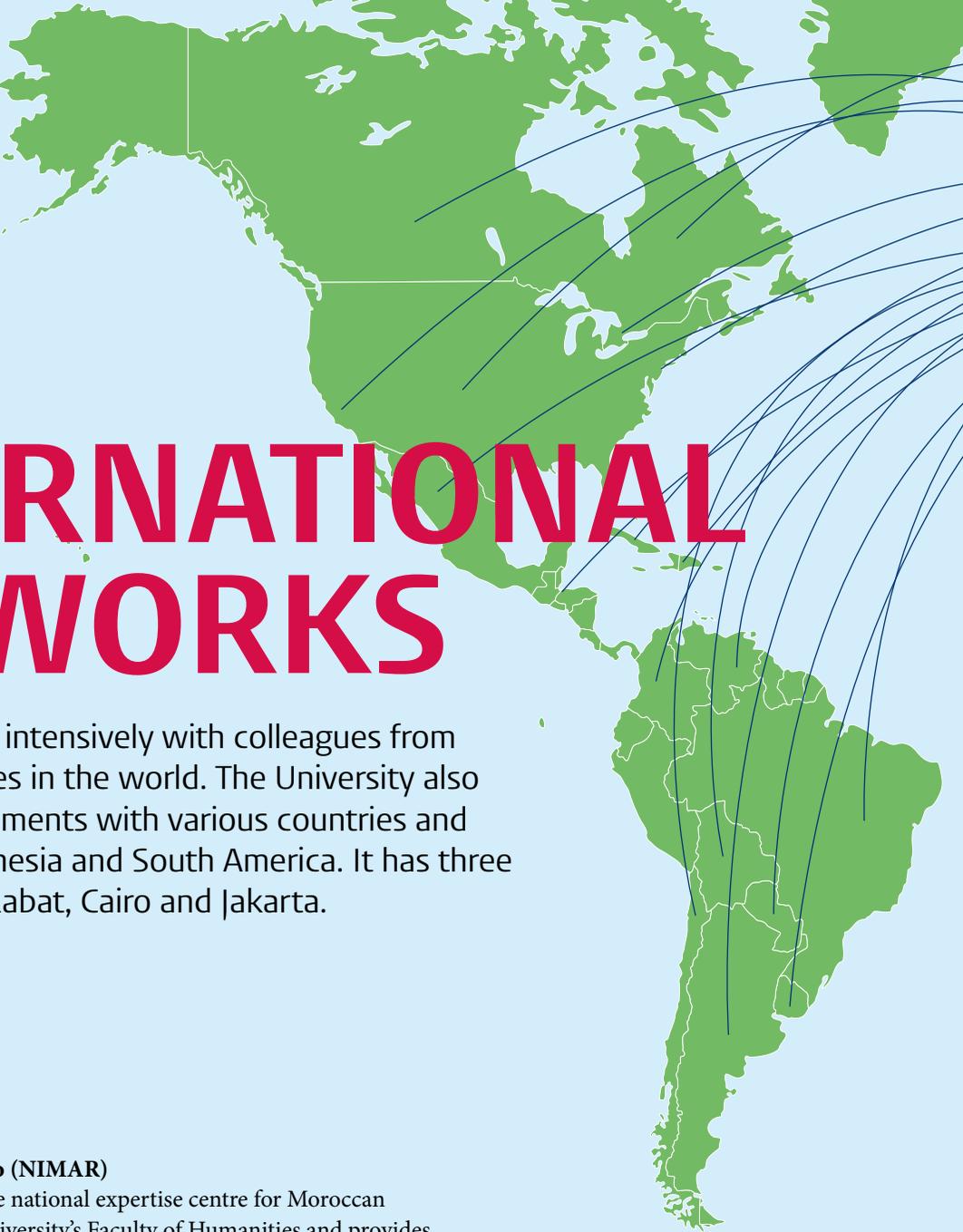
### LEIDEN CITY OF SCIENCE

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 intensively at PLNT, the Leiden centre for innovation and entrepreneurship. This is where research and entrepreneurship come together.

# 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 within the Netherlands of Moroccan languages, cultures and society.

### **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 of the role research institutes can play in this.



1. Netherlands Institute Morocco
2. Netherlands-Flemish Institute in Cairo
3. Royal Netherlands Institute of Southeast Asian and Caribbean Studies in Jakarta

## 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 a few hundred 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, 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 within medicine and the social and natural sciences. In recent years, delegations from Leiden University have visited Mexico, Brazil and Chile.

## STUDENT EXCHANGES

Leiden encourages its students to spend some of their time studying 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 2022.



# A sustainable university

Leiden University is at the heart of society and is keen to contribute to a more sustainable society with its teaching, research and business operations.

**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. The main results from the past years are as follows: the environmental impact of our university corresponds to that of other broad-based universities; more students and staff have become involved with our environmental and sustainability policy; and we have halved our CO<sub>2</sub> footprint, in part because we have achieved 31 of our 37 environmental goals. We developed a new sustainability vision in 2021, together with our students and staff. The goal is a sustainable university.

## CLIMATE CONCERNS

Many people are, quite rightly, 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 are doing so 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 on sustainability we train our students to be able to function in a circular economy.

## ACTIVE STUDENTS

Our students, young people with many good and creative ideas, 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.

On Coming Out Day (11 October) we flew the progress pride flag, at the initiative of the LGBT+ Network.



# Be yourself

We believe that in our academic community you should be able to be yourself. Inclusion and diversity are core values for our university. Everyone should have the same opportunities and feel that they are a valued and respected member of our academic community. Our Diversity Officer and Diversity and Inclusion Expertise Office help to promote and monitor this. Our LGBT+ Network and other networks also play an important role.

## 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 and Inclusion Expertise Office promote an open community with equal opportunities for all. Sharing their expertise with the faculties, offering training for staff and holding an annual Diversity Symposium for students and staff are some of the ways by which they achieve this. There are various active D&I networks for students and staff. They are also a sounding board for the Executive Board.

## LGBT+ NETWORK

The University's LGBT+ Network helps everyone feel welcome and at home. It is a platform for lesbian, gay, bisexual, transgender, intersex and queer students and staff at the Univer-

sity. 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.

# 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 447-year history, innovation has remained a firm tradition.



## Rembrandt

Dutch master Rembrandt van Rijn studied at Leiden University. He enrolled as a student of the arts in 1620, 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.



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

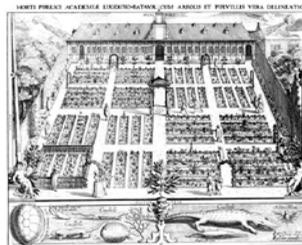
The Academy Building on the Rapenburg canal is Leiden University's oldest building. It came into the University's possession in 1581, and is used for ceremonies such as graduations, inaugural lectures and PhD defences.



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.

1620

1633

## 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.



1714

## 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.



1820



### 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 2021, 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.

1908

1911

1929

1938

1940

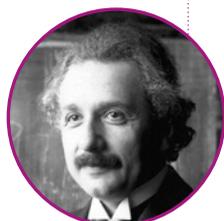
1993

1999

2020

### 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 occupying forces 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. Cleveringa's legacy – freedom and inclusion – is still characteristic of Leiden.



### 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 and the LUMC now teach and conduct research in The Hague. The campus in The Hague continues to grow.





# Proud of our 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 events. The alumni magazine *Leidraad* is published three times a year and alumni receive a dedicated newsletter by e-mail 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 online Mentor

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

## LUF

The Leiden University Fund (LUF) helps ambitions flourish. Not all academic teaching and research is government funded, which makes contributions from donors essential. Their support enables researchers in Leiden 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

## WE ARE DELIGHTED WITH YOUR DONATION!

Many of our alumni and others who care deeply about Leiden University support research and teaching by making a donation. Thanks to this support, Leiden University is able to work on pioneering research in such fields as health, security and sustainability, as well as other societal themes. This gives talented students and young researchers the opportunity to achieve their ambitions and to apply their knowledge and talents. Would you like to make a contribution to research and teaching at Leiden University? If so, we would be very happy to hear from you!

[www.luf.nl/en/contribute](http://www.luf.nl/en/contribute)

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 collaboration

Our seven faculties are responsible for the teaching and research at the University. Our research is increasingly interdisciplinary and is given shape in interfaculty collaboration. We also have three interfaculty institutes: Leiden University Graduate School of Teaching (ICLON), and the African Studies Centre Leiden (ASCL), the International Institute for Asian Studies (IIAS). Each of these institutes has a special mission.

## 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 the following research themes: politics and security; religion and culture; economics; and history.

## 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 connects 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.



FOTO: MAX JONGENELEN



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 and has valuable lessons for 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 around 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 2021



**624 students:** 409 bachelor's students and 215 master's students



**121 staff** (85 academic and 36 non-academic)



**Faculty/Institute:**  
• Archaeology



**10 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)

**Money in the Bronze Age**

In the Early Bronze Age, people used bronze objects such as rings, ribs and axes as a standard means of payment. This is the conclusion reached by archaeologists Maikel Kuijpers and Catalin Popa. Kuijpers: 'The definition of money is an object that you can standardise in shape and weight, that is used in a large area and that is valued.' In the Early Bronze Age, there were no weighing scales yet, but research has shown that the artefacts were felt from a sensory perspective to have the same weight. The similarities in weight and shape indicate that the artefacts were used as means of payment.



**Premiere of Archaeology documentary**

Dr Marike van Aerde and her team made a documentary about their archaeology research project for the annual Week of Classics. In the film 'From Aksum to India: Inclusive Antiquity', the team reflects on the interactions of Greeks and Romans with the wider ancient world, ranging from the African kingdom of Aksum to India. PhD candidate Rishika Dhumal (photo) explains how it is that India's British colonial past still influences our perception of antiquity. The documentary premiered on Sunday 11 April 2021 in the National Museum of Antiquities in Leiden. It can be viewed online on [archaeologistsconnected.org](https://archaeologistsconnected.org).





### **Asteroid named after Emeritus Professor Corrie Bakels**

Emeritus Professor Corrie Bakels is recognised as one of the founders of bio-archaeology in the Netherlands. One of her former students, Dr Marco Langbroek, who works in the field of astronomy, took the initiative to have a recently discovered asteroid named after her. According to tradition, for a period of ten years the discoverers of an asteroid have the privilege of proposing a name for it. Langbroek chooses people who have made a significant contribution to science or culture. He did not have to ponder long to come up with a suitable name from Dutch archaeology: 'Corrie's name came to me straight away. She is without doubt one of the great names in Dutch archaeology of the past 50 years.'

*The asteroid on the photo is not the Bakels asteroid.*



### **Archaeology Field School in Oss**

At the Field School, our students gain practical experience of the archaeology profession. Coronavirus meant that this crucial part of the curriculum could not take place in 2020, so the Field School in 2021 had to accommodate both first- and second-year students, while at the same time observing all the necessary coronavirus measures. In spite of these challenges, the Field School was a success and a new generation of archaeologists were able to learn the finer points of the profession.

Campus Den Haag

Universiteit Leiden



GOVERNANCE AND GLOBAL AFFAIRS

# Contributing to the societal debate in The Hague

The Faculty of Governance and Global Affairs in The Hague, international 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 debate 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 in the Netherlands 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 2021

 **3,559 students:** 2,310 bachelor's students and 1,249 master's students

 **318 staff** (174 academic and 144 non-academic)

 **Institutes:**

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

 **7 doctorates**

 **Stevin Prize** for Judi Mesman

### 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

- MSc 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 English-taught executive Master's in Cyber Security is a multidisciplinary programme for highly educated professionals. There are different ways to follow this programme.

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.

**Judi Mesman receives Stevin Prize**

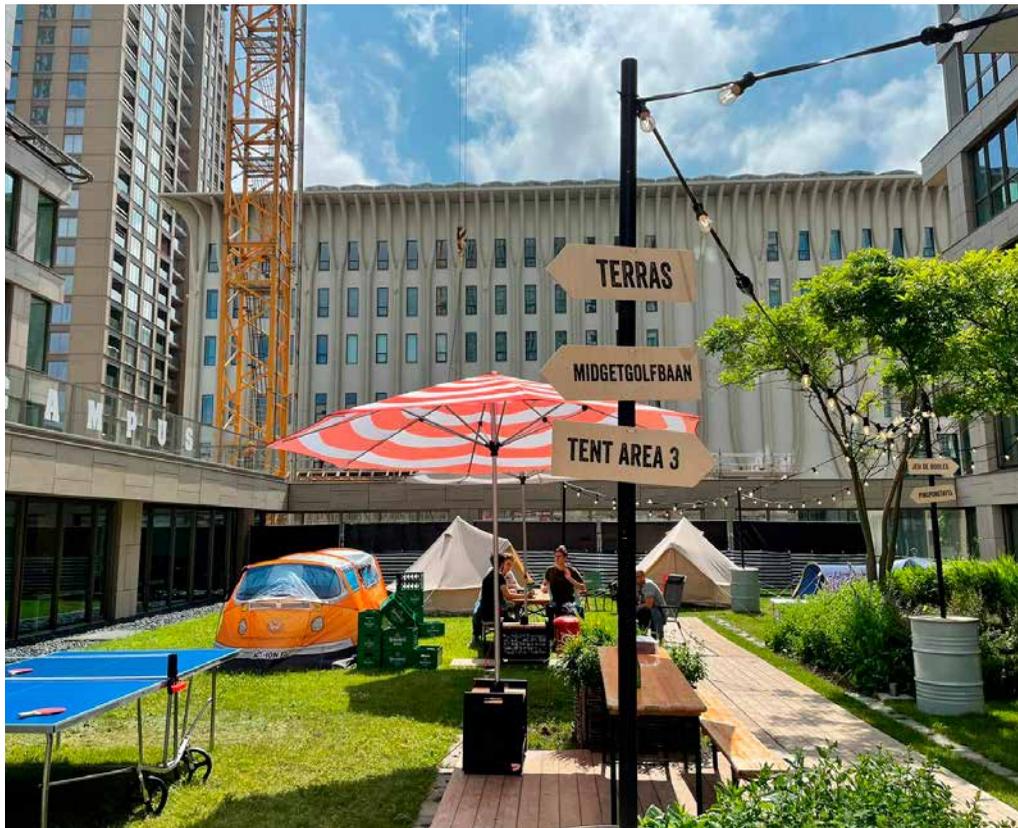
Judi Mesman is Professor of the Interdisciplinary Study of Social Challenges and Dean of Leiden University College in The Hague. She was presented with the prestigious Stevin Prize in October. In her research, Mesman is trying to answer the question: What influence do upbringing and education have on a child's worldview? 'I'm curious about how children see themselves and others in such areas as sexuality, ethnicity and gender, and how their views are shaped by the way important adults around them treat these issues.'



**Students in discussion with Trudeau and Rutte**

Canadian Prime Minister Justin Trudeau and Dutch caretaker Prime Minister Mark Rutte paid a visit in 2021 to Campus The Hague to hold informal conversations with students. The students could ask questions about such issues as climate change and other global issues. Before the visit, Rutte and Trudeau had taken part in consultations and a delegation meeting, where the topics on the agenda included the good relations between Canada and the Netherlands. After the visit to Campus The Hague, there was time for photos, videos and selfies.





**Campus Camping**

Long-term working from home and online teaching have made internal communication even more important. More attention is therefore being paid to such things as more extensive newsletters for staff (every week) and students (every two weeks). And on the subject of good communication, a unique event was held: Campus Camping. For almost three weeks, the courtyard at Wijnhaven was transformed into a real-life campsite. With corona-proof arrangement in place, staff and students were finally able to meet up with one another again at all kinds of events, including the degree ceremonies for a number of different study programmes.



**Thesis workshop The Hague South-West**

The first thesis workshop was completed successfully this year. The aim of this initiative of the Leiden-Delft-Erasmus Governance of Migration and Diversity Centre was to connect students with the city. They were able to work together with the municipality, and to delve more deeply into the societal challenges in the region of The Hague South-West. As well as writing their thesis, the students also translate academic theory into practical policy advice. At the end of the programme, they present their advice to the municipality. In the photo: Lilian van Leeuwen who wrote her thesis about how safe the residents of the Moerwijk neighbourhood in The Hague feel.



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.

The 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.

## FACTS AND FIGURES 2021



**7,991 students:** 5,786 bachelor's students and 2,205 master's students



**1,242 staff** (655 academic and 587 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



**73 doctorates**



The research and teaching at the Faculty of Humanities ranks among the **top 25** in the world (THE Ranking).

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

**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. Enquiry-based 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.

**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

### New Digital Humanities Lab

Digital techniques let us see new connections and process a lot more data. Students and staff who are looking for a place to carry out digital research and experiment and who would like help with this can now visit the new Digital Humanities Lab in the P.J. Veth building. Workshops are also held here, such as Mirjam de Bruijn's Media Lab, where students can work on websites, podcasting, games and other digital skills that help us do our scientific work and share our findings.



### Interiors for display

The cultural significance of 18th-century interiors has for long been neglected by historians. It is only in recent decades that we have begun to understand the fundamental importance of these interiors to modern ideas about comfort, sociability and taste. University lecturer and curator of the National Museum Alexander Dencher brought researchers and experts from the Netherlands and abroad together for a series of lectures about 18th-century interiors and decorative arts in the Netherlands and Europe.



THE ART GALLERY OF JAN GILDEMEESTER JANSZ, ADRIAN DE LELIE, 1794 - 1795. AMSTERDAM, RIJKSMUSEUM.



### 50th Huizinga lecture: Colonising the future

On Sunday 12 December 2021, David Van Reybrouck, a cultural historian, archaeologist and author, delivered the 50th Huizinga lecture to a quarterfull Pieterskerk church in Leiden. Around 1,000 others watched via livestream. With an unprecedented climate catastrophe looming, it is time to take action, even if that leads in extreme cases to civil disobedience Van Reybrouck argued in this special edition of the Huizinga lecture. After his lecture, Van Reybrouck was interviewed by archaeology student Vera van Heel and colonial history student Sander van der Horst. The lecture can be watched again at [universiteit.leiden.nl/huizingalezing](https://universiteit.leiden.nl/huizingalezing).



### Urban Studies: first graduates

The first 13 graduates of the new BA in Urban Studies were presented with their degrees at the start of September 2021 in The Hague. The English-language programme started in 2018 and focuses on resolving issues on themes relating to the sustainable, multicultural, safe and healthy city. Urban Studies is a collaboration among five faculties, which makes it a truly multidisciplinary programme.



## 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 past few years, it introduced the new Master's in Law and Society. Students from all over around the world and with backgrounds in both the legal and social sciences follow this programme.

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 2021



**6,295 students:** 4,138 bachelor's students and 2,157 master's students



**581 staff** (391 academic and 190 non-academic)



#### Institutes:

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



**25 doctorates**



**Top 30** 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 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

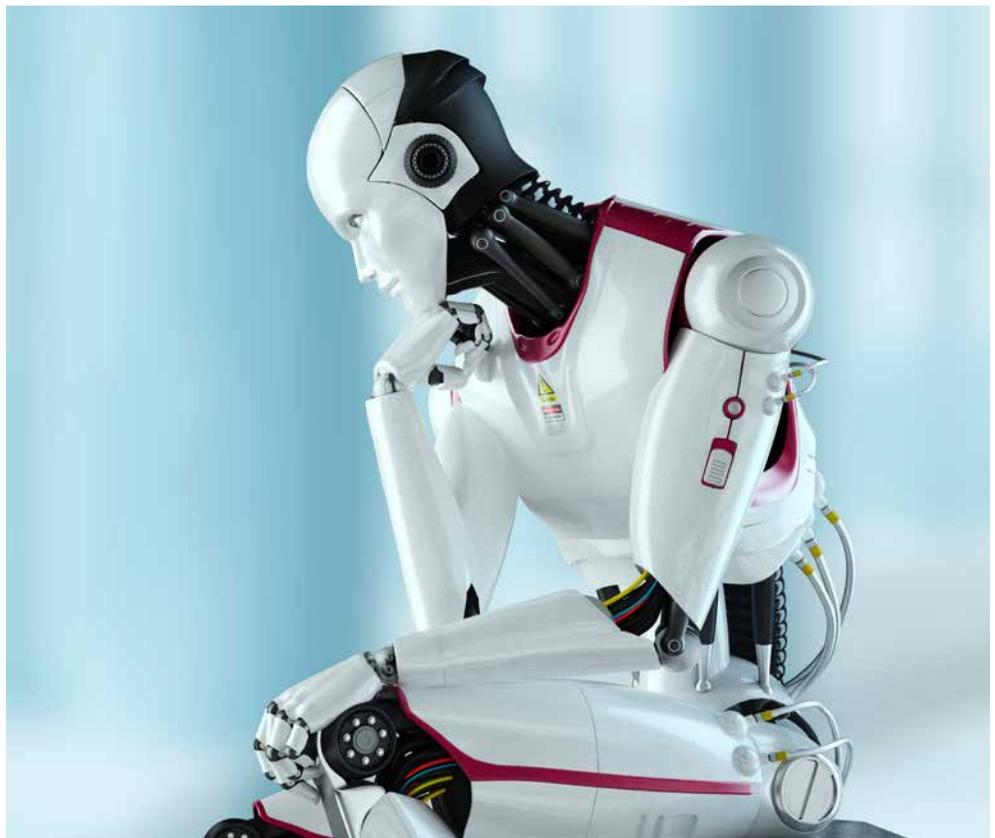
**Vidi award for EU constitution: 'The freedom of the arts and sciences'**

Universities increasingly operate as businesses competing in the marketplace, are managed as enterprises and are expected to serve politico-economic interests. The coronavirus crisis may amplify this. In this project, Vasiliki Kosta will determine the content of the EU fundamental right to 'freedom of the arts and sciences' in order to test the legality of this development. She will use this grant to develop her own innovative line of research, which will run over the coming five years.



**Robot Law**

Every year Leiden University organises Pre-University classes for pupils in their final year at secondary school. In the Robot class, the pupils learn about the legal and regulatory consequences of the use and development of robots in society. During these sessions, the young students are introduced to present-day robotics and the AI landscape, the legal framework and the most important legislation relating to these new technologies in the EU and beyond. This class is a good way for the Faculty to help raise awareness in the younger generation about the long-term opportunities and consequences of the increasing use of robots in society.





### How can you combine a career as a referee with studying for a law degree?

Talented students at Leiden Law School are given the opportunity to combine different activities. One such student is Luca Cantineau (27), who is studying Notarial Law at Leiden University and is also a referee in professional football. Guidance from the University, and in particular from the study advisers, means he is able to combine his studies with his sporting activities. Careful planning and good communication are highly important, particularly if you are abroad a lot.



### Leiden municipality and the University join forces in Legal Advice Centre

In July 2021, the municipality of Leiden launched the Rental Team. This team works with the Leiden Legal Advice Centre, which is staffed by Leiden law students. If tenants have problems with their landlord or rental agency, the Rental Team will check that the rental agreement is properly drawn up, whether the rent might be too high and if there is any overdue maintenance. The service is free for tenants. Every year, rental rights lecturers at the Faculty provide training for the law students; they record knowledge clips and help them compile an easily accessible report with frequently asked questions on rental law. The lecturers also have regular discussions with the students on problems they encounter in practice.



## 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 LUMC trains students for the world of tomorrow. Its teaching is closely linked to its patient care and research, so that students see and hear the latest developments in medical science and practice.

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 – in an international context too. We see this as pushing the boundaries of medicine.

### TEACHING

The teaching, programmes and continuing education at the LUMC is innovative, in terms of both form and content. For example, in its newest master's pro-



FOTO: BART MAAT (ANP)

gramme, Population Health Management, the LUMC has deliberately chosen the role of innovator to improve health care in an interdisciplinary context. This is typical of all the programmes at the LUMC. We focus on the 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.

## 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 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.

## FACTS AND FIGURES 2021

 **2,912 students:** 1,437 bachelor's students and 1,475 master's students

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

 **Societal priorities:**

- Oncology
- Regenerative medicine
- Population Health

 **156 doctorates**

 **Spinoza Prize** for Maria Yazdanbakhsh

## 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 Population Health Management
- MSc in Technical Medicine *with TU Delft and Erasmus University Rotterdam*
- MSc in Vitality and Ageing



**Maria Yazdanbakhsh receives Spinoza Prize**

In October 2021, Professor of Cellular Immunology of Parasitic Infections Maria Yazdanbakhsh received the Spinoza Prize: the highest award in Dutch science. She was presented with the award for her contribution to improved vaccines against parasitic infections and to better medicines to combat inflammatory diseases. 'A global scientific pioneer in discovering the ways in which parasites influence our immune system,' is how the Spinoza committee described her. Yazdanbakhsh was keen to stress that she could not have achieved this award without her research team. In the photo Yazdanbakhsh (fourth from left) with the other laureates.

**New Master's in Population Health Management**

The LUMC and Leiden University launched the Master's in Population Health Management (PHM) in September 2021. The programme is offered at LUMC Campus The Hague. During the programme, students learn to speak the 'language' of several different disciplines. Having completed the master's, they are able to act as strategic partners, bringing relevant people and organisations together to devise innovative and preventive solutions within health care. They are in a position to employ new strategies at the cutting edge of data, governance and behaviour.





### Operating Theatre Studio: anatomy education via livestream

Lecturers at the Anatomy Department introduced Operating Theatre Studio during the coronavirus pandemic: a live demonstration of human anatomical preparations to students tuning in from home. The lecturers realised that students found this kind of livestream very useful. During the demonstration, students could ask questions and these were projected in the operating theatre, making it sound as if they were actually present. The Faculty used innovative digital teaching methods such as SPOCs (Small Private Online Courses), MOOCs (Massive Online Open Courses), flipping the classroom and 3D techniques. Education is always evolving and innovations such as these help us consolidate our teaching.



### LUMC first to introduce Mamma CT

In October 2021, the LUMC became the first medical centre in the Netherlands to carry out screening using Mamma CT instead of a mammogram. The new Mamma CT is a far more comfortable way of making images of breast tissue, for such purposes as screening for breast cancer. According to radiologists, this new method is a godsend for women who have breast prostheses or for whom mammography is too painful. Mamma CT is also extremely fast and the 3D images extremely detailed. This development in the study and use of innovative patient care is integrated in our teaching. The director of the Medicine programme is himself a radiologist and is closely involved in the introduction, use and further development of Mamma CT.



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.

### Life Sciences

Recent developments in the life sciences have created exciting opportunities for fundamental research and clinical applications. With knowledge of the genome and smart AI, we are increasingly able to control biological processes and develop new drugs. From the global to the molecular level, our scientists are exploring how to keep the world habitable for ourselves and life around us. 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 2021



**5,899 students:** 3,413 bachelor's students and 2,486 master's students



**1,517 staff** (1,082 academic and 435 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



**136 doctorates**



**Spinoza Prize** for Marc Koper

### 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

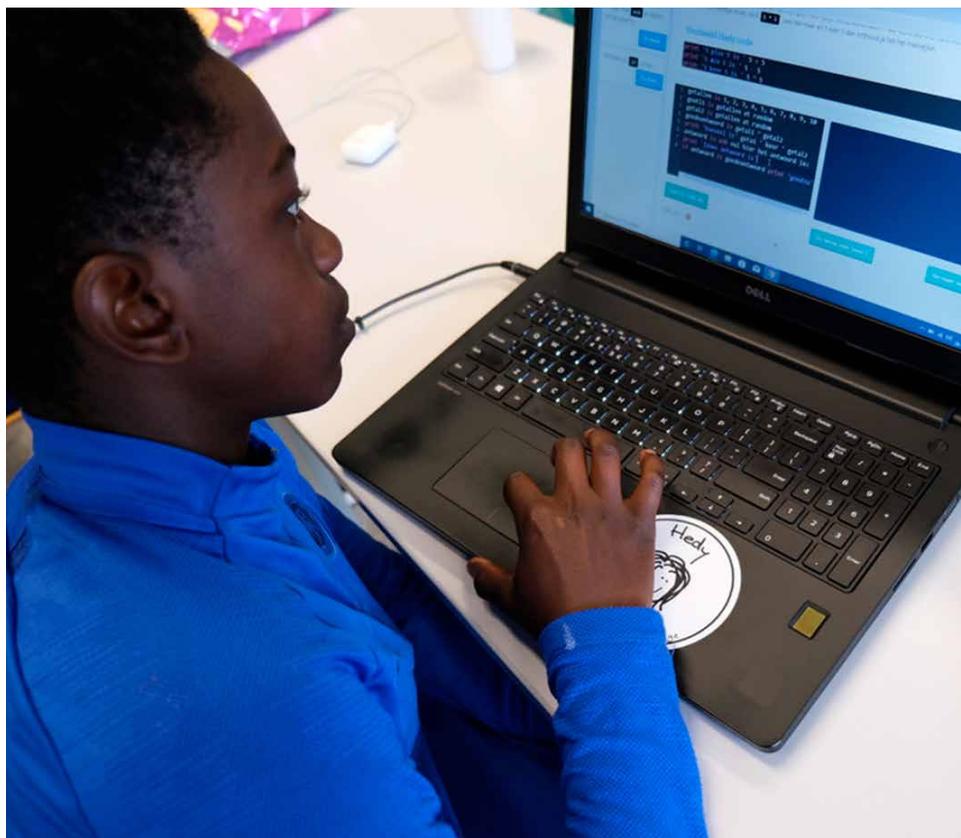
**Atomically precise measurement around an exoplanet**

Measuring atomically small details around planets in other solar systems: Leiden astronomers are heading an international team that was the first in the world to be able to detect isotopes in the atmosphere of an exoplanet. They write in *Nature* that the carbon atoms around the gas giant TYC 8998-760-1-b have differing atomic weights. In the future, isotopes will help us to understand how planets form.



**Summer camp from a laptop**

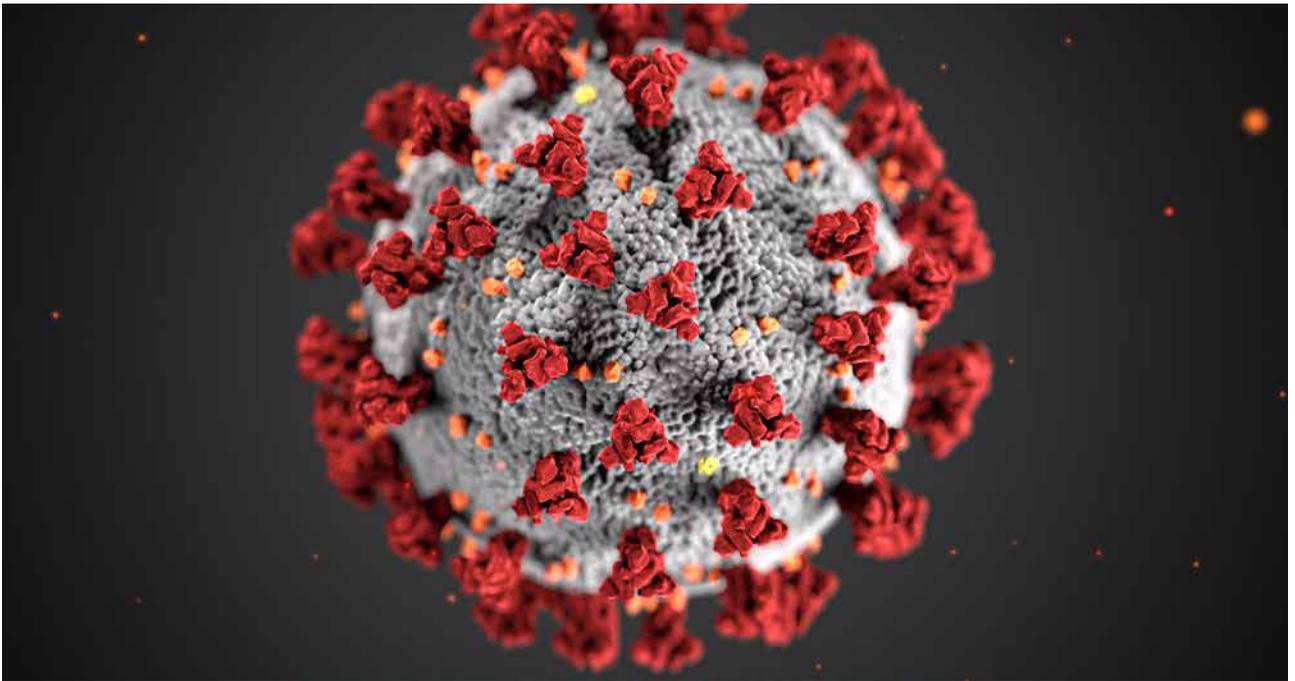
In the summer of 2021 eighteen children aged from ten to twelve years came to the Science campus to learn the Hedy programming language that Leiden computer scientist Fellenne Hermans developed specially for children. The young participants filled the Snellius building with their enthusiasm and never-ending ideas. They made their own digital haunted house, a programme to predict the result of the 2022 football world championship and could even use their Hedy console to order fries.





### Spitting cobra leads to publication

Reptile fan Jory van Thiel was travelling through the jungle when a Thai cobra spat in his eye. A few years later he is the co-author, with fellow biology student Roel Wouters, of a *Science* publication on the evolution of the venom of spitting cobras. Together with Professor Michael Richardson, the bachelor's students discovered that venom spitting in these cobras evolved as a defence mechanism against the first humans.



### Ice-cold contribution to coronavirus vaccine

To assist in the development of their coronavirus vaccine, Janssen Pharmaceuticals called on the help of the NeCEN electron microscope. This Leiden facility makes images at incredibly low temperatures of minus 196 degrees Celsius. Janssen needed to decide which spike protein was most suitable for the vaccine. 'With our equipment and know-how, we were able to help them identify the right protein,' commented Ludovic Renault, head of NeCEN.



SOCIAL AND BEHAVIOURAL SCIENCES

# Insight into societal change

At the Faculty of Social and Behavioural Sciences, anthropologists, educationalists, political scientists, psychologists and experts in scientific research are increasing our understanding of current developments in society. To do so, they also develop new research methods. With innovative and proven forms of education, they teach students fundamental social science knowledge, skills and attitudes.



The synergy between studying, learning to research, conducting in-depth research and testing in real life is what stimulates students and staff in this faculty and constantly inspires them to break new ground.

### INSIGHT INTO SOCIETAL CHALLENGES

Trainee anthropologists learn to use fieldwork as a research method. They not only gain insight into the causes of social inequality and conflicts, but also offer solutions that the municipality can implement. Fieldwork generally leads to large quantities of text that the researcher has to analyse. To gain a faster insight into textual connections, a sociologist programmed Textnets, which can be used to visualise these textual connections.

From a broad social perspective of health and disease, educationalists and psychologists research how people with anxiety, autism or chronic diseases, for instance, deal with these challenges. These insights bring solutions within reach for the people themselves and those around them. In addition, interdisciplinary research into increasing resilience and the power of positive emotions offers a promising perspective for many.

With their research into the behaviour of populist parties at home and abroad, political scientists reveal the differences with traditional parties. Populists use parliamentary instruments to react rather than to influence policy.

### WORKING IN TEAMS MAKES A DIFFERENCE

The major challenges facing society today cannot be solved with knowledge and skills from a single discipline or a deep understanding of a single factor because several factors are intricately linked. The Faculty of Social and Behavioural Sciences is helping to understand not only individual factors but also the interrelationship between factors in order to come up with solutions. How to do so responsibly and how working in teams promotes this is the subject of the studies at the Centre for Science and Technology Studies (CWTS).

#### FACTS AND FIGURES 2021



**6,670 students:** 4,498 bachelor's students and 2,172 master's students



**820 staff** (594 academic and 226 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



**28 doctorates**



**Stevin Prize** for Judi Mesman

#### BACHELOR'S PROGRAMMES

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

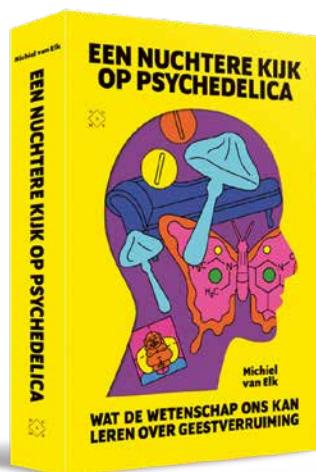
#### MASTER'S PROGRAMMES

- 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)
- MSc Master's in Primary Education (joint degree)



#### Gratama Science Prize

Expert in Forensic Family and Youth Care Studies Sabine van der Asdonk won the Gratama Science Prize 2021 for her research into intervention methods for families at high risk of child abuse. Sabine will use the prize for new research in collaboration with British colleagues from University College London and the Anna Freud Centre, the largest children's mental health centre in the United Kingdom.



#### A sober look at psychedelic drugs

Psychedelic drugs like magic mushrooms and LSD are embraced by some and seen as lethal by others. Cognitive psychologist Michiel van Elk delved into the world of psychedelic drugs and wrote a remarkably sober book about them: 'Without first-hand experience, my story would be incomplete'.





**Gold Matters virtual exhibition**

Gold Matters is a virtual exhibition developed by artists, members of mining communities and researchers in the Gold Matters project who are exploring the transformation to sustainable, small-scale mining. With anthropologist Sabine Luning as chief curator, the exhibition takes the public into the world of gold mining in six virtual rooms. Besides photos, videos and artworks from Uganda, the Amazon region and West Africa, the visual results of fieldwork research were also exhibited.



FOTO: ANNA VAN KOOLJ | HUMMAN

**The political philosophy of certainty**

PhD candidate Josette Daemen is conducting research on the political philosophy of certainty: 'Uncertainty is part and parcel of democracy'. Part of her research is about fundamental values during the coronavirus pandemic. In Dutch TV programme Het Filosofisch Kwintet and in various other media she has explained the factors that are taken into consideration in political decision-making and the communication around such decisions. The state has a role in creating certainty, which frees you as a citizen. But at the same time, in trying to create certainty, the state itself can do exactly the opposite.



# Universiteit Leiden

The Netherlands

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