



GEORG-AUGUST-UNIVERSITÄT
GÖTTINGEN



THE UNIVERSITY OF GÖTTINGEN

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The University of Göttingen was inaugurated in 1737 with the aspiration to cultivate critical reflection and provide academic freedom in research and teaching. Rooted in the Age of Enlightenment, these fundamental principles still hold in Göttingen today.

On the occasion of the University's 50th anniversary, the Göttingen scholar Christian Gottlob Heyne stressed the *libertas academica* that characterised this institution. »Göttingen has been elevated to such great worthiness and repute through this alone and through nothing else; it has carried the torch before other universities and states and has been exceptionally significant in the transitions taking place in science«. In the early twentieth century, mathematician Richard Courant remarked on the University's special atmosphere of communication and productive academic discourse. This »Göttingen spirit« also enriches the research

and teaching currently being performed on a campus where institutional boundaries and hierarchies are overcome.

Freedom and space for new ideas, for cultural diversity, and for interdisciplinary and international exchange: on the basis of these principles, we seek to cultivate our modern-day *libertas academica*, and to secure it lastingly. In concert with our partners on the Göttingen Campus, we are building a network of scientists and scholars arguably unique in Germany, enabling here the performance of cutting-edge research and outstanding teaching, and preparing our graduates to pursue their own individual career tracks with success.

I hope the pages that follow will bring these Göttingen aims and developments into focus for you.



Prof. Dr. Ulrike Beisiegel
President of Göttingen University



COMMITTED TO ...

The University of Göttingen is acknowledged to be a research university of high international standing. Its distinctive features include the emphasis placed on research-based teaching and the remarkable diversity of subjects represented, particularly in the humanities. The excellent facilities for scientific inquiry in the natural sciences and the outstanding quality of research in this area also contribute to the University's clear and unique profile. In 2007, on the basis of its Institutional Strategy entitled »Göttingen. Tradition – Innovation – Autonomy«, the Georg-August-Universität was one of the universities to emerge successfully in the first phase of the Excellence Initiative of the German Federal and State Governments. This funding was employed to set up new research centres such as the Courant Centres and the Lichtenberg-Kolleg, and to establish innovative research foci. In addition, highly promising young academics were recruited, and leading researchers integrated on the Göttingen Campus. The measures have led to an overall



strengthening of the University's visibility, both nationally and internationally, and they will be carried forward into the future.

The University bears the name of its founder Georg August, King George II of Great Britain, Elector and Duke of Brunswick-Lüneburg (Hanover). In keeping with the spirit of the Enlightenment, the faculties were founded as equal entities: no longer did Theology take precedence among them. The first Faculty of Mathematics and Natural Sciences came into being in Göttingen. Over a considerable period the University was regarded as the centre of the mathematical world, but this status was lost in 1933, when under Nazi rule more than 50 professors and lecturers were forced to leave. Among these researchers were several of the 45 Nobel laureates whose names are associated with Göttingen.

After World War II, Göttingen was Germany's first university to resume teaching operations. It expanded to become one of Germany's largest, the number of students enrolled currently standing at approximately 29,300. The University works constantly to enhance the international nature and excellence of its research and teaching. Study programmes have been converted to Bachelor and Master degree structures. The University operates on the basis of increased autonomy and staff self-responsibility at all levels, and the deployment of resources has been optimised. In 2003, Göttingen

became Germany's first university with a comprehensive range of disciplines to take the legal form of a foundation under public law.

In the second phase of the Excellence Initiative, Göttingen University successfully submitted renewal proposals for the support of a Graduate School and an Excellence Cluster. In the Cluster of Excellence »Microscopy at the Nanometer Range and Molecular Physiology of the Brain« (CNMPB), high resolution microscopy techniques, by way of which minute structures and processes can be analysed in living nerve cells, are being further developed. The aim is to gain insights that may enable new diagnostic and therapeutic strategies to be adopted to combat diseases such as Parkinson's and schizophrenia. The successful work of the Göttingen Graduate School for Neurosciences, Biophysics and Molecular Biosciences (GGNB) is also being continued. Maintained by four University Faculties, three Max Planck Institutes and the German Primate Center, the GGNB currently hosts 430 doctoral researchers working within twelve programmes.

In addition, the University will continue to pursue projects set out in its second Institutional Strategy. Funding has been raised to bring about marked improvement in the scientific investigation and presentation of the University's precious academic collections, as well as to expand its IT-based E-research infrastructure.



RESEARCH ...

Among Göttingen University's particular strengths are its great research tradition and the diversity of subjects represented. Almost all academic disciplines, including Medicine but with the exception of the Engineering Sciences, are represented at the 13 Faculties. The University is closely interconnected with outstanding research institutions situated locally. This network constitutes the Göttingen Campus, where such cooperation generates ideal framework conditions for conducting top-level, internationally competitive research and opens up special possibilities for the recruitment and retention of excellent researchers from in- and outside Germany. The University and its partners place emphasis on fostering talented young researchers who exhibit particular potential.

The success of this cooperation is borne out by the jointly run Collaborative Research Centres, Research Training Groups, shared infrastructure facilities and combined professorial appointments. Ten Collaborative Research Centres, four Research Units and ten Research Training Groups with coordinator function are currently hosted by Göttingen University – impressive evidence of the scientific strength of the Göttingen Campus and the close cooperation between the University and the non-university research institutions. The development in the context of Collaborative Research Centres is particularly positive, their number having risen from three (2009) to ten (2015).



... AND RESEARCH PERSPECTIVES

Göttingen is therefore a competitive research location in the national comparison, particularly with a view to Research Training Groups, where it ranks as one of the top Universities in Germany.

Research foci developed together with the non-university research institutions, in particular in the neuro- and biosciences, are defining features in the University's profile. An Excellence Cluster and a Graduate School in this area were successfully established with funding from the first phase of the Excellence Initiative (2006-2012). The exceptionally innovative work of both entities continues, and will be further developed and refined as they move into their next operational phase (see page 5).

Also exemplifying the excellent science and scholarship being conducted at international level are the fields of Cardiovascular Research, Molecular Biology, Condensed Matter, Biology, Biodiversity and Ecology, Development Economics, Religious Studies, and Modern East Asian and Indian Studies.



THE GÖTTINGEN CAMPUS

The **Göttingen Campus** is an alliance between the university and local non-university research institutions, which have come together to promote research, teaching, and the training of young researchers. By drawing on their joint strengths and potential, campus partners have created a unique and stimulating environment that encourages diversity and an active exchange between professors, researchers, postdoctoral and doctoral students. International networks and interdisciplinary centers serve as platforms for new ideas and innovative research concepts. They are embedded in a campus setting that provides access to an impressive collection of resources, facilities, infrastructure and support services.

The Göttingen Research Council

The **Göttingen Research Council** (GRC) is the key decision-making body committed to the development of the Göttingen Campus. It serves as a »think tank« in which members advise the executive committees, identify key research areas, ensure quality control, and promote co-operation across the campus in research, teaching and the training of young academics.

Campus Members

- ▶ University of Göttingen, including University Medical Center
- ▶ Max Planck Institute for Experimental Medicine
- ▶ Max Planck Institute for Biophysical Chemistry
- ▶ Max Planck Institute for Dynamics and Self-Organization
- ▶ Max Planck Institute for the Study of Religious and Ethnic Diversity
- ▶ Max Planck Institute for Solar System Research
- ▶ DLR German Aerospace Center
- ▶ DPZ German Primate Center
- ▶ Göttingen Academy of Sciences and Humanities

Associate Partners

- ▶ KWS SAAT AG
- ▶ Otto Bock HealthCare GmbH
- ▶ PHYWE Systeme GmbH & Co. KG
- ▶ Sartorius AG
- ▶ HAWK Hildesheim/Holzwinden/Goettingen University of Applied Sciences and Arts
- ▶ Private University of Applied Sciences (PFH)
- ▶ Laser-Laboratorium Göttingen e.V. (LLG)
- ▶ Georg Eckert Institute (GEI)

Scientific Service Units

- ▶ Gesellschaft für wissenschaftliche Datenverarbeitung mbH Göttingen (GWDG)
- ▶ Göttingen State and University Library (SUB)
- ▶ Göttingen E-Research Alliance (eRA)



KEY RESEARCH AREAS

The key research areas are made up of highly collaborative, joint research projects that are carried out through a variety of funding programs. They make up the campus' profile today and were developed in close cooperation with all partner institutions on campus. These include:

Life and Natural Sciences

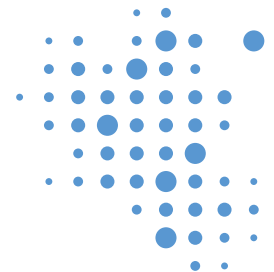
- ▶ Cardiovascular Research
- ▶ Cellular Processes and Molecular Machines
- ▶ Energy Conversion
- ▶ Functional Principles of Living Matter
- ▶ Neurosciences
- ▶ Primate Cognition
- ▶ Solar System Research
- ▶ Sustainable Use of Natural Resources

Humanities

- ▶ Digital Transformation
- ▶ Language and Cognition
- ▶ Religious Studies

www.goettingen-campus.de

Göttingen
Campus



THE LICHTENBERG-KOLLEG

The Lichtenberg-Kolleg was formed with the aim of identifying and pursuing research projects in the humanities and social sciences through discourse with internationally distinguished scholars. These outstanding academics find at the Lichtenberg-Kolleg an environment in which they have the freedom and space to conduct concentrated research, enter into intensive scholarly exchange, and undertake collaborative work, both within their own subject and across disciplinary boundaries. Fellowships are granted solely on the basis of scientific and scholarly excellence. Together, the internationally renowned visiting fellows and researchers selected from across the Göttingen Campus create a subject-based and interdisciplinary research network.

The Lichtenberg-Kolleg is located in the University's Historical Observatory, the building where Carl Friedrich Gauss (1777-1855) lived and worked for decades. The institution is named after Georg Christoph Lichtenberg (1742-1799), intellectual, critical thinker, and Professor of Experimental Physics at the University of Göttingen.





Lichtenberg-Kolleg

Director: Prof. Dr. Martin van Gelderen
Lichtenberg-Kolleg / Historical Observatory
Geismar Landstr. 11, 37083 Göttingen
Tel.: +49 551 39-12423
lichtenbergkolleg@zvw.uni-goettingen.de



COURANT RESEARCH CENTRES

Bearing the name of mathematician Richard Courant, these cross-faculty, interdisciplinary centres of research were set up as new entities in the period 2007-2012. They form an integral part of the University's strategy – extending beyond the Excellence competition – to further develop its research profile and attract to Göttingen outstanding young-generation researchers from throughout the world. Each of the centres hosts up to three junior research groups investigating innovative topics with the support of experienced scientists and scholars.

The name Courant Research Centre applies to the initial seven years of the centre's activities. Following a successful start, the research topic is to be integrated into the University setting as a centre, institute or other collaborative structure and may go on to be developed into a profile area.

Former Courant Research Centres

Nano-Spectroscopy and X-Ray Imaging

Coordinator: Prof. Dr. Tim Salditt (Physics)
Friedrich-Hund-Platz 1, 37077 Göttingen
Tel.: +49 551 39-9427, tsaldit@gwdg.de

Higher Order Structures in Mathematics

Coordinator: Prof. Dr. Thomas Schick
(Mathematics)
Bunsenstr. 3-5, 37073 Göttingen
Tel.: +49 551 39-7766
schick@uni-math.gwdg.de





Development of Early Life and Organic-matter-controlled Rock- and Mineral-forming Processes

Coordinator: Prof. Dr. Joachim Reitner
(Geosciences)
Goldschmidtstr. 3, 37077 Göttingen
Tel.: +49 551 39-7950
jreitne@gwdg.de

Poverty, Equity, and Growth in Developing and Transition Countries

Coordinator: Prof. Stephan Klasen, PhD
(Economics)
Platz der Göttinger Sieben 3, 37073 Göttingen
Tel.: +49 551 39-7303
sklasen@uni-goettingen.de

Evolution of Social Behaviour

Coordinator: Prof. Dr. Hannes Rakoczy
(Psychology)
Waldweg 26, 37073 Göttingen
Tel.: +49 551 39-9235
hrakocz@uni-goettingen.de

Current Courant Research Centres

Education and Religion (EDRIS)

Coordinator: Prof. Dr. Peter Gemeinhardt
(Theology)
Nikolausberger Weg 23, 37073 Göttingen
Tel.: +49 551 39-10836
edris@uni-goettingen.de

The Multi-layered Text Protocol: Micro and Macro Level Structures in Written Discourse

Coordinator: Prof. Dr. Anke Holler
(German Philology)
Nikolausberger Weg 23, 37073 Göttingen
Tel.: +49 551 39-7543
crc.text@uni-goettingen.de



GÖTTINGEN INTERNATIONAL

The University of Göttingen is highly reputed throughout the world of academia and research. Its partnerships within the Coimbra Group, the U4 Network, and the German-Japanese University Consortium HeKKSaGon, active agreements with institutions of higher education in ninety countries, scholarship/fellowship opportunities for international students and researchers, and more than fifty English-taught Master's and Ph.D. programmes – these are just some indicators of the University's strongly international orientation.

The University of Göttingen seeks to increase further the proportion of students and researchers from abroad, as well as to extend the breadth and depth of its international networks. To this end, international research cooperation are being

initiated and existing ones intensified. Lively dialogues are maintained with the University's liaison offices in China and India, with the growing alumni network around the world, and not least with the international community of students and researchers currently hosted in Göttingen.

The University's International Office offers students and academics from abroad a wide range of services and support. International students are advised by the International Student Services team on application and visa procedures before they come to Göttingen. They receive help with finding accommodation and on request can be met upon arrival. Once here, students have an opportunity to attend numerous introductory, social and cultural events.



The Welcome Centre is the University's central service facility for internationally mobile academics. It assists and supports international scientists and scholars and their families in preparing for their stay in Göttingen and settling in once they are on campus. Information is provided on matters associated with their academic work, and targeted assistance is given on all non-academic aspects such as finding accommodation, child-care and how to apply for a residence permit. Additionally, a Dual Career Service is available to newly appointed professors.

Liaison office locations:

The central objective of the liaison offices is to facilitate, coordinate and support academic exchange and cooperation projects with partner institutions in China and India. The offices serve as a focal point for the implementation of strategic measures, networking, and discussions among faculties, students, alumni and university representatives involving also funding agencies, research centres, and industry.

People's Republic of China – Nanjing University:

Since 1984, intensive partnerships in law, the natural sciences, and German literature and language studies have been developed with Nanjing University, one of China's most prestigious higher education institutions. These activities have led to the establishment of three joint institutes and three double degree programmes.

Further partnerships with ten leading Chinese universities and numerous other academic institutions complement the activities in the areas of student exchange and research collaboration.

India – Pune University: The work of the India Office, established in 2008, has led to a strong intensification of research and teaching collaboration between the University of Göttingen and several higher education institutions in India. Currently, the University of Göttingen has thirteen Memorandum of Understanding (MoU) and twelve non-MoU academic exchange and cooperation partnerships with higher education institutions in India, including the University of Delhi, Jawaharlal Nehru University in New Delhi, the Indian Institutes of Science Education and Research in Pune and Kolkata, the University of Pune, the Gokhale Institute of Politics and Economics in Pune, the University of Mumbai, the Tata Institute of Social Sciences in Mumbai, Gujrat Vidyapith, Ahemdabad, the Indian Institute of Technology, Guwahati, the University of Agricultural Sciences in Bangalore, the Indian Institute of Science Education and Research in Bhopal and the Forest Research Institute University.

Göttingen International

Von-Siebold-Straße 2, 37075 Göttingen

Tel.: +49 551 39-21328

international@uni-goettingen.de

www.uni-goettingen.de/international_office

COLLABORATIVE RESEARCH

DFG Research Centre Molecular Physiology of the Brain (CMPB)

Microscopy at the Nanometer Range

Coordinator: Prof. Dr. Mathias Bähr;

Prof. Dr. Dr. h.c. Stefan W. Hell

Office: Humboldtallee 23, 37073 Göttingen

Tel.: +49 551 39-12208

cmpb@gwdg.de

Research Centres for Health

Centre for Cardiovascular Science (DZHK) Göttingen

Coordinator: Prof. Dr. Wolfram H. Zimmermann
(University Medical Centre Göttingen)

Office: Robert-Koch-Str. 40,

37099 Göttingen (Centre for Heart Diseases)

Tel.: +49 551 39-14141

infocenter@med.uni-goettingen.de

Centre for Neurodegenerative Diseases (DZNE) Göttingen

Coordinator: Prof. Dr. André Fischer

(European Neuroscience Institute ENI-G)

Office: Grisebachstr. 5,

37077 Göttingen, Tel.: +49 551 39-20287

daniel.riester@dzne.de





Collaborative Research Centres

SFB 755 Nanoscale Photonic Imaging

Coordinator: Prof. Dr. Tim Salditt (Physics)
Office: Friedrich-Hund-Platz 1, 37077 Göttingen
Tel.: +49 551 39-9391, sfb755@gwdg.de

SFB 803 Functionality Controlled by Organization In and Between Membranes

Coordinator: Prof. Dr. Claudia Steinem (Chemistry)
Office: Tammannstr. 2, 37077 Göttingen
Tel.: +49 551 39-33350
dsachs@gwdg.de

SFB 860 Integrative Structural Biology of Dynamic Macromolecular Assemblies

Coordinator: Prof. Dr. Ralf Ficner (Biology)
Office: Grisebachstr. 6, 37077 Göttingen
Tel.: +49 551 39-10972
sfb860@gwdg.de

SFB 889 Cellular Mechanisms of Sensory Processing

Coordinator: Prof. Dr. Tobias Moser
(University Medical Centre Göttingen)
Office: Robert-Koch-Str. 40, 37075 Göttingen
Tel.: +49 551 39-4063
sfb889@med.uni-goettingen.de

SFB 937 Collective Behavior of Soft and Biological Matter

Coordinator: Prof. Dr. Christoph F. Schmidt
(Physics)
Office: Friedrich-Hund-Platz 1, 37077 Göttingen
Tel.: +49 551 39-7889
sfb937@physik.uni-goettingen.de

SFB 963 Astrophysical Flow Instabilities and Turbulence

Coordinator: Prof. Dr. Stefan Dreizler (Physics)
Office: Friedrich-Hund-Platz 1, 37077 Göttingen
Tel.: +49 551 39-13808
crc963@astro.physik.uni-goettingen.de

SFB 990 Ecological and socioeconomic functions of tropical lowland rainforest transformation systems (Sumatra, Indonesia)

Coordinator: Prof. Dr. Stefan Scheu (Biology)
Office: Berliner Str. 28, 37073 Göttingen
Tel.: +49 551 39-12118
crc990@gwdg.de

SFB 1002 Modulatory Units in Heart Failure

Coordinator: Prof. Dr. Gerd Hasenfuß,
(University Medical Centre Göttingen)
Office: Robert-Koch-Str. 40, 37075 Göttingen
Tel.: +49 551 39-20400
rfaber@med.uni-goettingen.de

SFB 1073 Atomic scale control of energy conversion

Coordinator: Prof. Dr. Christian Jooss (Physics)
Office: Friedrich-Hund-Platz 1, 37077 Göttingen
Tel: +49 551 39 5303
ckaspar@ump.gwdg.de

SFB 1136 Bildung und Religion in den Kulturen des Mittelmeerraums und seiner Umwelt von der Antike bis zum Mittelalter und zum Klassischen Islam

Coordinator: Prof. Dr. Peter Gemeinhardt
(Theology)
Office: Nikolausberger Weg 23, 37077 Göttingen
Tel.: +49 551 39 10859

DOCTORAL TRAINING

Göttingen University offers doctoral aspirants the possibility of working towards their doctorate within structured programmes at four overarching Graduate Schools. The aim of these Graduate Schools is to optimise learning and research conditions for doctoral candidates and to guarantee them high-quality supervision throughout. The Schools seek to foster a new generation of excellent scientists and scholars through their especially developed, targeted, and multi-faceted range of qualification courses.

- ▶ Georg August University School of Science (GAUSS)
- ▶ Göttingen Graduate School of Social Sciences (GGG)
- ▶ Graduate School of Humanities Göttingen (GSGG)
- ▶ Graduate School of Forest and Agricultural Sciences (GFA) of the Georg-August-Universität Göttingen

www.graduiertenschulen.uni-goettingen.de

Operating within the organisational framework of the Georg August University School of Science (GAUSS), the Göttingen Graduate School for Neurosciences, Biophysics, and Molecular Biosciences (GGNB) has received funding through the Excellence Initiative since 2007. For the on-

going second phase of the Excellence Initiative, the Graduate School achieved renewed success in its application for funding.

The four overarching Graduate Schools form an organisational framework for Research Training Groups (RTG), Doctoral Programmes and International Max Planck Research Schools. Research Training Groups are funded by the German Research Foundation for a maximum period of nine years to support young researchers as they work towards their doctorate and to foster a new, up-and-coming generation of young scientists and scholars. Support for doctoral programmes are also granted by the State of Lower Saxony and the Hans-Böckler-Stiftung. Working together with University partners, the International Max Planck Research Schools advance researchers by offering particularly gifted young scientists from in and outside Germany the opportunity to carry out Ph.D. work in an exceptional collaborative setting involving both a university and a research institution.

International Max Planck Research Schools

- ▶ Molecular Biology (M.Sc./Ph.D.)
- ▶ Neurosciences (M.Sc./Ph.D.)
- ▶ Physics of Biological and Complex Systems (Ph.D.)
- ▶ Physical Processes in the Solar Systems and Beyond (Ph.D.)

Research Training Groups

- ▶ International RTG 1422 Metal Sites in Biomolecules: Structures, Regulation and Mechanisms
- ▶ RTG 1493 Mathematical Structures in Modern Quantum Physics
- ▶ RTG 1507 Expert Cultures from the Twelfth to the Eighteenth Century
- ▶ RTG 1599 Dynamics of Space and Gender
- ▶ RTG 1644 Scaling Problems in Statistics
- ▶ RTG 1666 Transformation of Global Agri-Food Systems: Trends, Driving Forces, and Implications for Developing Countries
- ▶ RTG 1703 Resource Efficiency in Corporate Networks – Approaches for the Future Use of Renewable Materials and their By-products
- ▶ RTG 1723 Globalization and Development
- ▶ RTG 1787 Literature and the Dissemination of Literature in the Digital Age
- ▶ International RTG 1816 Phosphorylation- and redox-mediated signalling mechanisms in the failing heart

Research Training Groups at other institutions involving Göttingen scientists

- ▶ RTG 1351 Extrasolar Planets and their host stars (with the University of Hamburg)
- ▶ RTG 1397 Regulation of soil organic matter and nutrient turnover in organic agriculture (with the University of Kassel)



- ▶ Integrated Research Training Group (projekt area C) – SFB/TR 43: »The Brain as a Target of Inflammatory Processes« (with the Charité Medical University Berlin)

www.graduiertenkollegs.uni-goettingen.de

GÖTTINGEN STATE AND UNIVERSITY LIBRARY

Göttingen University Library was founded in 1734 and renamed Göttingen State and University Library (SUB) in 1949. With around eight million media units, it is one of Germany's largest academic libraries. As a central Institution of Göttingen University, it offers a broad-ranging spectrum of information and user services at nine locations. Their treasures encompass a unique collection of 18th century prints and superb specialised collections, like the estate of Carl Friedrich Gauss. The Gutenberg Bible archived by the SUB belongs to the UNESCO Memory of the World Programme.

The Göttingen SUB is one of the leading institutions for the development of scientific research infrastructures. Their activities include subject areas such as grid-based virtual research environments, research data management, digitisation (Göttingen digitisation centre), long-term archiving, electronic publication, open access and digital repository networks.

The library is associated with the Göttingen Centre for Digital Humanities (GCDH), which coordinates the research, teaching and infrastructural activities of the digital humanities on the Göttingen Campus. Jointly with the Gesellschaft für wissenschaftliche Datenverarbeitung mbH Göttingen (GWDG), it manages the Göttingen eResearch Alliance to foster teaching and research on the Göttingen Campus by offering technological and IT services based on highly capable and innovative research and information infrastructures. The Business Offices of the two not-for-profit organisations German Initiative for Network Information (DINI) and Confederation of Open Access Repositories (COAR) are located at the Göttingen SUB. The competence centre for the licensing of electronic resources at the locations Göttingen and Berlin represents the first time that a central competence centre for extra-regional licensing has been set up in Germany.





Central Library

Platz der Göttinger Sieben 1, 37073 Göttingen

Phone: +49 551 39-5231

zentralinfo@sub.uni-goettingen.de

Opening hours: Mon-Fri 7:00-1:00 CET,

Sat-Sun 9:00-22:00 CET

Historic buildings

Papendiek 14, 37073 Göttingen

Phone +49 551 39-12397

hg-info@sub.uni-goettingen.de

Opening hours: Mon-Fri 10:00-19.00 CET

The opening hours of the divisional libraries are posted on the website of the Göttingen SUB:

www.sub.uni-goettingen.de

FACULTIES





Natural Sciences, Mathematics and Computer Science

Faculty of Agricultural Sciences

Büsgenweg 5, 37077 Göttingen
Tel.: +49 551 39-5530
dekagr@uni-goettingen.de

Faculty of Biology and Psychology

Untere Karspüle 1a, 37073 Göttingen
Tel.: +49 551 39-5435, dekanbio@gwdg.de

Faculty of Chemistry

Tammannstr. 4, 37077 Göttingen
Tel.: +49 551 39-22799
dekanat@chemie.uni-goettingen.de

Faculty of Forest Sciences and Forest Ecology

Büsgenweg 5, 37077 Göttingen
Tel.: +49 551 39-3402
dekanat.forst@uni-goettingen.de

Faculty of Geoscience and Geography

Goldschmidtstr. 3, 37077 Göttingen
Tel.: +49 551 39-7976
dekanat@geo.uni-goettingen.de

Faculty of Mathematics and Computer Science

Bunsenstr. 3-5, 37073 Göttingen
Tel.: +49 551 39-7780
dekanat@math-cs.uni-goettingen.de

Faculty of Physics

Friedrich-Hund-Platz 1, 37077 Göttingen
Tel.: +49 551 39-4095
dekanat@physik.uni-goettingen.de

Medicine

University Medical Centre Göttingen

Universitätsmedizin Göttingen,
Robert-Koch-Str. 42, 37075 Göttingen
Tel.: +49 551 39-9902
humed.v1@med.uni-goettingen.de

Law, Economic Sciences, Social Sciences

Faculty of Economic Sciences

Platz der Göttinger Sieben 3, 37073 Göttingen
Tel.: +49 551 39-7190
dekanat@wiwi.uni-goettingen.de

Faculty of Law

Platz der Göttinger Sieben 6, 37073 Göttingen
Tel.: +49 551 39-7360, -7367
dekanat@jura.uni-goettingen.de

Faculty of Social Sciences

Platz der Göttinger Sieben 3, 37073 Göttingen
Tel.: +49 551 39-7211, -7192
dekanat@sowi.uni-goettingen.de

Humanities and Theology

Faculty of Humanities

Humboldtallee 17, 37073 Göttingen
Tel.: +49 551 39-4465
oeffentlichkeitsarbeit@phil.uni-goettingen.de

Faculty of Theology

Platz der Göttinger Sieben 2, 37073 Göttingen
Tel.: +49 551 39-12235
dekanat@theologie.uni-goettingen.de

STUDYING ...

The University of Göttingen is increasingly attractive to students as a location for both undergraduate and graduate level studies. Study programmes with new orientation, individual supervision, and courses with an international profile – in the domain of study and teaching, the University's engagement is manifest, as borne out by its success in the programme for improved study conditions and teaching quality financed jointly by the German Federation and the *Länder*. In this context, the Campus Q^{PLUS} project has been awarded funding in the amount of 17 million euros, on the basis of which the University can proceed with further improvements within the areas of studying, teaching, and the support and supervision of students.

More than 29,000 young people currently study at Göttingen University. Almost twelve per cent of them are from abroad, a proportion that reflects the University's standing in the international higher education arena.

www.uni-goettingen.de/studying

Among the features of Göttingen University of particular interest to prospective students are its outstanding facilities in the natural and life sciences and a diversity of subjects in the humanities and social sciences rarely found in Germany. This subject spectrum means that overarching questions can be addressed taking an interdisciplinary perspective – even at student level. The ca. 90 Bach-

elor degree courses offer a host of possibilities for combination, while the numerous Master's and Ph.D. programmes – a range that is constantly being expanded – reward excellence and bring students into close contact with research. Degree programmes in which the language of instruction is English, bi-national degrees, and integrated periods of study abroad all help to qualify graduates excellently for the international world of work.

www.uni-goettingen.de/subjects

The University of Göttingen is further enhancing its international orientation by expanding its web of institutional partnerships. In addition to the close networking of European universities within the Erasmus programme, numerous partnerships at University, Faculty and Institute level offer students the possibility of undertaking grant-supported study periods throughout the world.

www.uni-goettingen.de/studying-internationally



... IN GÖTTINGEN



STUDYING ...

Attractive location

In this town of 130,000 inhabitants, the central University campus, the town centre and the railway station are all just a few minutes' walk apart. Affordable accommodation, more than 5,000 places for students in halls of residence, and excellent canteens ensure high quality of life. The old town centre with its street cafés and student bars and the variety of cultural and sporting activities – run first and foremost by the University sports organisation – offer an array of leisure-time options. Concerts given by the Göttingen Symphony Orchestra are a major feature on the cultural agenda. And the town is excellently connected with the large German cities by way of the high-speed ICE rail service.

Guidance and supervision

Students are given comprehensive advisory and supervisory support through all phases of their studies. Since advice and guidance are crucially important for the successful outcome of a university career, the University is constantly optimising and extending its work in this area. In addition students carry out regular evaluations of their courses. The common aim of all these measures is to improve the quality of studies.



Facilities of the first order

With its prodigious holdings of books and other media, the multiple-award-winning Göttingen State and University Library is one of Germany's five largest research libraries. In addition, the University's divisional libraries offer further resources and service in the immediate vicinity of the Faculty and departmental buildings.

WiFi is available throughout the campus, library and city centres areas. The internet-based systems Clix and StudIP are applied in the management and oversight of course teaching. Students benefit from modern teaching and learning methods involving, for example, e-learning, software libraries and simulation tools. They also obtain a life-long e-mail account with a comprehensive user profile.

Career success through key competencies

At the University of Göttingen, the gaining of qualifications and key competencies geared to particular occupational areas is an integral element of all study programmes. In line with their individual educational profile, students acquire additional skills and qualifications in areas such as foreign languages, presentation techniques and intercultural competencies.

From academic study to professional work

The Office of Student Affairs' Career Service team constitutes an interface between the University and the labour market. This unit provides advice and information on issues such as internships in Germany and abroad, techniques for job applications, and strategies for career entry.



SCHOOL MEETS UNIVERSITY

From Children's Uni to Early College

At the Georgia Augusta, school-age students can receive age-appropriate and authentic insights into university life, as well as into academic work and research at a university.

The Göttingen Children's University offers children-oriented lectures and seminars with an extensive semester program for third to sixth graders.

In the school laboratories on campus, elementary, middle and high school students can participate in practical projects to familiarize themselves with the working practices and methods of different disciplines at the university level. The YLAB-School Laboratory for the Humanities offers courses on subjects from the Faculties of Philosophy and Theology. Central to this project is the students' interaction with authentic objects and materials that form the focus of humanities and cultural studies research. All projects promote students' academic and social competence and provide a variety of incentives for them to be proactive and engage in independent learning.

In the experimental courses offered in the not-for-profit organisation XLAB – Experimental Laboratory for Young People, students gain insight into a scientific degree program. Courses are conducted in biology, chemistry, physics, applied computer science and neurobiology.

Within the scope of the early college programs – especially those offered by the Faculties of Mathematics and Computer Science, Physics, Economic Sciences, Social Sciences and Philosophy – gifted students in particular have the option to attend select university courses in addition to their classes at school, and to get college credit that will be taken into account in their later studies.



School Laboratory Coordination

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buero@ylab.uni-goettingen.de

X-Lab Coordination

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Alumni Göttingen is the University's international network connecting former members, graduates and students of all disciplines, academics, administrative staff, sponsors, and friends of the University of Göttingen. This network, maintained by the non-profit association Alumni Göttingen e.V., enables members to keep informed about developments and to play their own part in the life of the University. It also gives former fellow students and staff the opportunity to remain in touch. Anyone with close ties to the University – possibly having benefited

from a first-class education in Göttingen and being interested in contributing their time and expertise in return – is warmly invited to become an active participant in Alumni Göttingen.

Alumni Göttingen

Coordinator: Bernd Hackstette
Wilhelmsplatz 2, 37073 Göttingen

Tel.: +49 551 39-5380

alumni@uni-goettingen.de

www.alumni.uni-goettingen.de

BUSINESS CONTACTS, KNOWLEDGE TRANSFER, SPIN-OFFS ...

The **business contacts** unit of the University is the central contact point for all internal and external matters concerning the collaboration between science and economics. It is closely associated with the chambers, associations, business promoters and networks in the region. One primary objective is to give small and medium-sized enterprises (SME) easier access to research and thereby support the development of innovative products and services. At the PRAXIS-BÖRSE – the central job and career recruitment fair of the university – we match up companies and our students, thereby giving companies many additional options to meet with students and young professionals from 13 faculties.

Some of the **knowledge and technology transfer** offerings we provide include the »PraxisForum – We Connect the Best Minds«, with catalysts like scientific speed dating, aimed at initiating targeted, topic-related exchanges between enterprises, scientists and academics. We also support scientists and academics in the economic implementation of innovative research results.

The **start-up consultation** we offer students, staff and fellows at Göttingen institutions of higher learning and research institutions is a substantive initial consultation. For this purpose, we collaborate closely with regional partners and networks on spin-offs and start-ups.

The university and the business contacts unit work strategically to develop the regional economy and maintain close contacts with the city, municipalities and other stakeholders, like the South Lower Saxony Foundation »Süd-niedersachsenStiftung«. We engage in regional clusters and networks, such as Measurement Valley e.V. or the IT Innovation Cluster Göttingen/South Lower Saxony, and are members in the metropolitan region of Hannover-Braunschweig-Göttingen-Wolfsburg.

We would be pleased to help you in your search for the right contact partner or broker offers relevant to you. Just contact us!

Business contacts

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christina.qaim@uni-goettingen.de

www.uni-goettingen.de/business_contacts



... AND START-UPS



COLLECTIONS, MUSEUMS, ...

Göttingen University has many impressive collections of international importance, some of which date back to the 18th century. At that time, objects from different areas of knowledge attracted students and researchers to the then-new university.

Today, the curators of the collections still stress the importance of the collection pieces' use in research and teaching, and are supported in their work by the Central Curator staff. These individuals ensure that the objects can be preserved long-term and explored by researchers from a variety of disciplines. Digital accessibility and presentation to the public are also part of the programme. During »Sunday walks«, interested parties can already visit six of the collections. The Botanical Gardens, the Collection of Mathematical Models and Instruments, the Computer Museum and the Kirchhoff Collection are also open daily for visitation.

Open dialogue between researchers and everyday citizens will have a permanent place in the future Göttingen Science Museum. Objects from the collections are not only meant to stimulate discussion about current and historical research, but also to give insights into laboratories, workshops and libraries on the Göttingen campus.

www.uni-goettingen.de/collections

Centre for Collection Development

Weender Landstraße 2, 37073 Göttingen

Tel.: +49 551 39-20739

www.uni-goettingen.de/collection-development

kustodie@uni-goettingen.de

Natural Sciences and Mathematics

Anthropological Collection

Bürgerstr. 50, 37073 Göttingen

Tel.: +49 551 39-33649

www.uni-goettingen.de/anthropology-collection

birgit.grosskopf@biologie.uni-goettingen.de

Collection of Historical Instruments

at the Institute of Geophysics

Friedrich-Hund Platz 1, 37077 Göttingen

Tel.: +49 551 39-7460

www.uni-goettingen.de/sammlung-geophysik

rainer.hennings@geo.physik.uni-goettingen.de

Collection of Historical Items

at the Institute for Astrophysics

Friedrich-Hund Platz 1, 37077 Göttingen

Tel.: +49 551 39-4037

www.uni-goettingen.de/astrophysics-collection

reinsch@astro.physik.uni-goettingen.de

Collection of Historic Physical Apparatus

›Physicalisches Cabinet‹

Friedrich-Hund Platz 1, 37077 Göttingen

Tel.: +49 551 39-7602

www.uni-goettingen.de/physics-collection

physik1@uni-goettingen.de

**Collection of Mathematical Models
and Instruments**

Bunsenstraße 3 - 5, 37073 Göttingen
Tel.: +49 551 39-7752
www.uni-goettingen.de/mathematics-collection
sammlung@uni.math.gwdg.de

Collection of Palynology and Climate Dynamics

Wilhelm-Weber-Str. 2a, 37073 Göttingen
Tel: +49 551 39-5733
www.uni-goettingen.de/palynology-collection
j.christiansen@biologie.uni-goettingen.de

Computing Museum of the GWDG

Am Faßberg 11, 37077 Göttingen
Tel.: +49 551 201-1828
www.uni-goettingen.de/computing-museum
thomas.otto@gwdg.de

Culture Collection of Algae

Nikolausberger Weg 18, 37073 Göttingen
Tel.: +49 551 39-5740, -7870
www.epsag.uni-goettingen.de
epsag@uni-goettingen.de

Experimental Botanical Garden

Grisebachstraße 1a, 37077 Göttingen
Tel.: +49 551 39-5725, -5713
www.uni-goettingen.de/eb-garten
lkoehle@gwdg.de und nbarke@gwdg.de

Forest Botanical Garden and Arboretum

Büsgenweg 2, 37077 Göttingen
Tel.: +49 551 39-33482 / -33492
www.uni-goettingen.de/forest-botanical-garden
vmeng@gwdg.de

Forest Zoology and Wildlife Biology Collections

Büsgenweg 3, 37077 Göttingen
Tel.: +49 551 39-33687
www.uni-goettingen.de/forest-zoology
bweissb@gwdg.de

Göttingen Museum of Chemistry

Tammannstraße 4, 37077 Göttingen
Tel.: +49 551 39-33114
www.museum.chemie.uni-goettingen.de
uschmitt@gwdg.de

**Museum, Collections and Geopark
of the Geoscience Centre**

Goldschmidtstraße 1 - 5, 37077 Göttingen
Tel.: +49 551 39-7920 / -7951
www.geomuseum.uni-goettingen.de
geomuseum@gwdg.de

Museum of Zoology

Berliner Straße 28, 37073 Göttingen
Tel.: +49 551 39-5524
www.uni-goettingen.de/zoology-museum
groest@gwdg.de

Old Botanical Garden

Untere Karspüle 2, 37073 Göttingen
Tel. +49 551 39-5755 / 9964651
www.altgart.uni-goettingen.de
mschwer@gwdg.de

Pharmacognostic Collection

Untere Karspüle 2, 37073 Göttingen
Tel.: +49 551 39-22220
www.uni-goettingen.de/pharmacognostic-collection
Marc.Appelhans@biologie.uni-goettingen.de



University Herbarium

Untere Karspüle 2, 37073 Göttingen

Tel.: +49 551 39-22220

www.uni-goettingen.de/herbarium

Marc.Appelhans@biologie.uni-goettingen.de

Wildlife biological collection of mammals

Büsgenweg 3, 37077 Göttingen

Tel.: +49 551 39-33622

nbalken@wgdg.de

Humanities and Theology

Art Collection

Weender Landstraße 2, 37073 Göttingen

Tel.: +49 551 39-5093, -5092, -5098

www.uni-goettingen.de/art-collection

kunsts@gwdg.de

Collections of the Archaeological Institute

– **Cast Collection of Antique Sculptures**

– **Antiquities Collection**

– **Numismatic Collection**

Nikolausberger Weg 15, 37073 Göttingen

Tel.: +49 551 39-7502, -7497

www.uni-goettingen.de/archaeology-collection

sekretariat.archinst@phil.unigoettingen.de

Collection of Historical Books for Children and Young Adults

Waldweg 26, 37073 Göttingen

Tel.: +49 551 39-21469

www.uni-goettingen.de/young-library

bibliothek.kjl@phil.uni-goettingen.de

Collection of Musical Instruments

Kurze Geismarstraße 1, 37073 Göttingen
Tel.: +49 551 39-5075
www.uni-goettingen.de/musical-instruments-collection
k.p.brenner@phil.uni-goettingen.de

Diplomatic Apparatus

Heinrich Düker-Weg 14, 37073 Göttingen
Tel.: +49 551 39-24669
www.uni-goettingen.de/diplomatic-apparatus
hroecke@gwdg.de

Ethnographic Collection

Theaterplatz 15, 37073 Göttingen
Tel.: +49 551 39-7894
www.uni-goettingen.de/ethnographic-collection
gkruege1@gwdg.de

Teaching Collection for Pre- and Protohistory

Nikolausberger Weg 15, 37073 Göttingen
Tel.: +49 551 39-5086, 91276
www.uni-goettingen.de/pre-and-protohistory-collection
jschnee@gwdg.de und simone@menck-online.de

Medicine

Blumenbach Collection of Skulls

Kreuzbergring 36, 37075 Göttingen
Tel.: +49 551 39-7000
www.uni-goettingen.de/blumenbach-collection
mschult1@gwdg.de

Collection on the History of Obstetrics

Humboldtallee 36, 37073 Göttingen
Tel.: +49 551 39-9007, -9006
www.uni-goettingen.de/obstetrics-collection
kdrost@gwdg.de

Collection of Medical Moulages

Humboldtallee 36, 37073 Göttingen
Tel.: +49 551 39-9007, -9006
www.uni-goettingen.de/moulages-collection
kdrost@gwdg.de

**The Heinz Kirchhoff Collection –
Symbols of Femininity**

Robert-Koch-Straße 40, 37075 Göttingen
Tel.: +49 551 39-22093
www.kirchhoff-sammlung.de
info@kirchhoff-sammlung.de

**Human Embryology Documentation
Collection (Blechsmidt Collection)**

Kreuzbergring 36, 37075 Göttingen
Tel.: +49 551 39-7032
www.uni-goettingen.de/human-embryology-collection
jmaenne@gwdg.de

Legal Medicine Collection

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CONSULTATION, COORDINATION, ...

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Children's University Göttingen

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The Senior Citizens' University

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Universitätsbund Göttingen e.V.

Papendiek 16, 37073 Göttingen

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University Sports Centre

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Welcome Centre

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www.uni-goettingen.de/welcome



GENERAL INFORMATION

Facts and figures

Student numbers (2014)

Total number of students: 27,566

- ▶ Female students: 13,995
- ▶ First-term students (winter and summer semester): 5,193
- ▶ Students from abroad: 3,380

Graduations / Doctorates conferred (2014)

Total number of graduates: 4,287

- ▶ Female graduates: 2,325
- Total number of doctorates conferred: 751
- ▶ Doctorates conferred on women: 372

Staff numbers (2014)

Total staff and student assistants: 15,245

- ▶ employed at the University: 7,533
- ▶ at the University Medical Centre: 7,712

Academic staff (including professors): 4,344

- ▶ employed at the University: 2,574
- ▶ at the University Medical Centre: 1,770

Funding (2013) (in million euros)

Total funding: 1,085.2

- ▶ University: 457.4
- ▶ University Medical Centre: 627.7

State subsidies from Lower Saxony: 344.2

- ▶ University: 213.7
- ▶ University Medical Centre: 130.5

Special funds: 53.9

- ▶ University: 38.4
- ▶ University Medical Centre: 15.4

Third-party funding: 149.2

- ▶ University: 95.9
- ▶ University Medical Centre: 53.4

Tuition and semester fees and fees for prolonged studies: 18.5

- ▶ University: 16.5
- ▶ University Medical Centre: 1.9





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