

A photograph of the University of Cologne building, a large stone structure with a modern glass and steel entrance. The building is surrounded by a paved plaza with a crosswalk. Several people are walking and cycling in the foreground. Bicycles are parked along the sides of the plaza. The sky is clear and blue.

University
of Cologne



UNIVERSITY OF COLOGNE

LASST UNS WAS WAH
RDARAN IST ALSEIN
EBEREICHERUNG A
NNEHMEN UND DEM
ZUORDNEN WAS WI
RALS WISSENDE UN
DGLAUBENDESCHO
NANWAHRHEITBESI
TZEN WAS ABER FAL
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ERDEN WIR WIDERLEG
ENEINDET DIE WAHR
HEIT DENNDIE WAHRH
EITMACHTEUCH FREI
ALBERTUS MAGNUS



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CHOOSE
COLOGNE



From its establishment in 1388, the University of Cologne has been a center of science and scholarship in Europe. Today, it is one of the leading German research universities. We offer an exceptionally broad and diverse subject base to our students and encourage them to follow their own academic interests and to develop both intellectually and personally. We are firmly committed to the advancement of human knowledge through basic research, but also have an eye on transfer and application in the real world.

Professor Axel Freimuth, Rector

1388

Founded in 1388, the University of Cologne is the second oldest German university. Our heritage goes hand in hand with a thoroughly modern outlook and a compelling and ambitious agenda in higher education.

The University of Cologne is one of the leading German research universities with an increasing international reach. In 2012 we won substantial funding in the German Excellence Initiative and are now one of eleven German Excellence Universities. The main university-wide project, *Meeting the Challenge of Change and Complexity – Strategies for Future Excellence in Research and Education*, combines a variety of activities for establishing and strengthening the conditions for top-level research. According to the Times Higher Education World University Ranking 2015/2016, we are among the top 160 universities in the world.

The University of Cologne currently has about 50,000 students enrolled in the 260+ degree programs (BA and MA) of our six faculties: Faculty of Management, Economics and Social Sciences, Faculty of Law, Faculty of Medicine, Faculty of Arts and Humanities, Faculty of Mathematics and Natural Sciences, Faculty of Human Sciences.

We are part of a strong network of international partners and continue to deepen and develop our international links. The recently introduced International Faculty Program attracts outstanding international scholars to come to Cologne for an extended period of time in order to work with our students and staff.

The University of Cologne is set on a large urban campus in the heart of the lively and thriving city of Cologne. The surrounding Rhineland is one of Europe's most developed economic regions. Open, friendly and with an international outlook, Cologne is a great place to live, work and study. We would be delighted to welcome you in Cologne.

UoC IN BRIEF

Founded in 1388

Six faculties: Faculty of Management, Economics and Social Sciences | Faculty of Law | Faculty of Medicine | Faculty of Arts and Humanities | Faculty of Mathematics and Natural Sciences | Faculty of Human Sciences

Number of students: 50,427

Number of international degree students: 5,001

Number of degree programs: 260+ (BA and MA)

Number of academic staff: 7,000

Total budget: 740m € p.a.

Average rate of increase in third party funding: 12.6 % p.a. over the last 5 years



OUR
RESEARCH



Professor Thomas Langer, Deputy Scientific Coordinator, CECAD

OUR RESEARCH

The University of Cologne has a culture which supports and nurtures individual curiosity-driven research as well as medium and large scale collaborative projects. Our flexible approach allows us to reward individual excellence, develop promising fields, build up critical mass and embrace emerging new fields. Research is conducted in our six faculties and in a number of cross-faculty research centers.

The University of Cologne is one of Germany’s most successful institutions in terms of attracting research funding. We have a portfolio of almost 4,000 active projects and an average annual increase in third party funding of 12.6 % over the last five years. We are firmly committed to the advancement of fundamental research which will influence tomorrow’s world and provide answers to the challenges of change and complexity of today’s world. Our greatest resource is an exceptionally broad subject base and our excellent and talented people. We have particular strengths in our six competence areas:

- AGING AND DEMOGRAPHIC CHANGE
- SOCIAL AND ECONOMIC BEHAVIOR
- QUANTITATIVE MODELING OF COMPLEX SYSTEMS
- CULTURES AND SOCIETIES IN TRANSITION
- SOCIAL INEQUALITIES AND INTERCULTURAL EDUCATION
- PLANT SCIENCES

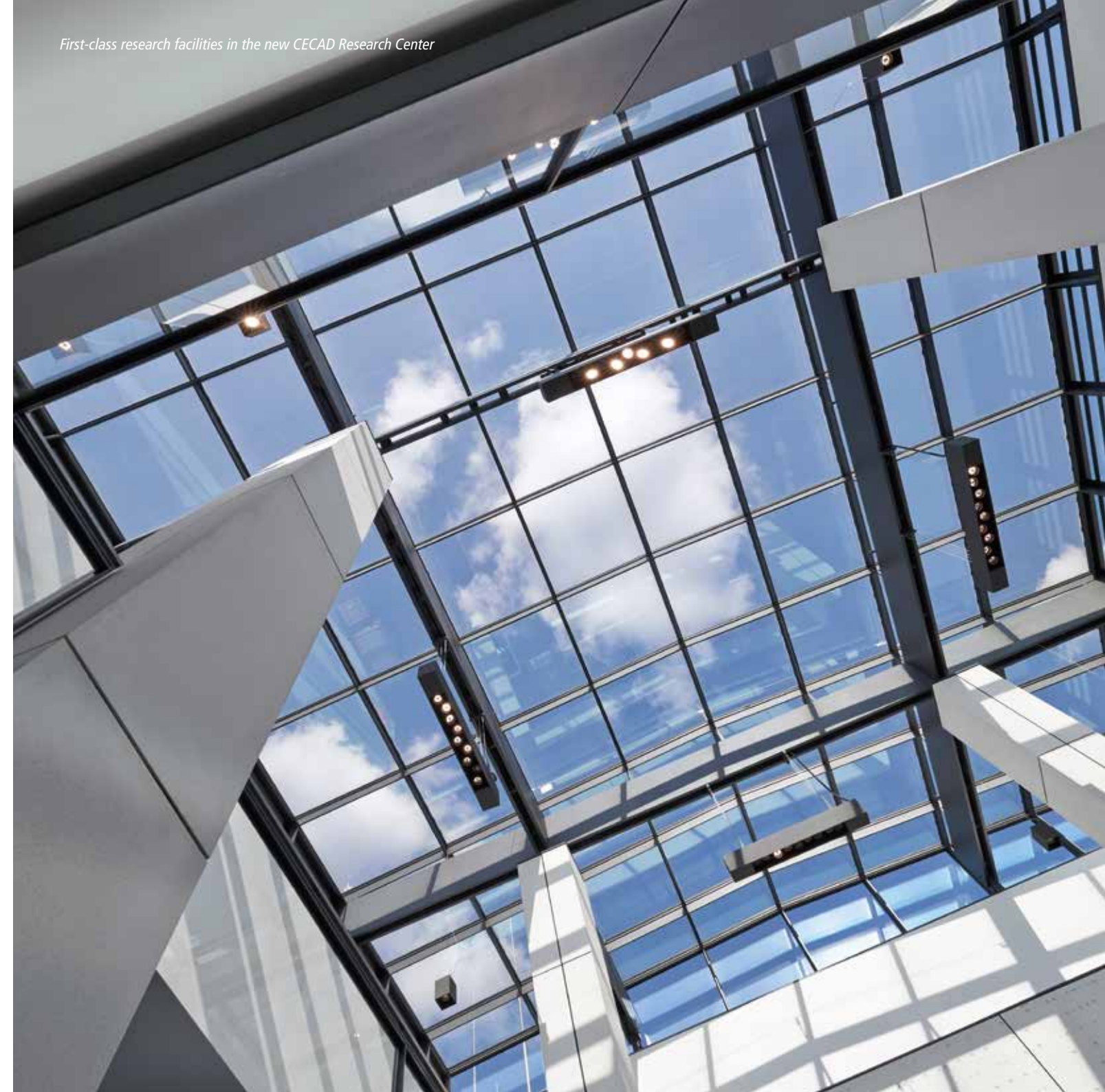
RESEARCH CENTERS

We have established seven thematic cross-faculty research centers. They receive substantial third party funding, which allows them to provide state-of-the-art facilities and create dynamic and internationally competitive research environments. Their research is interdisciplinary in nature, with a view to application and transfer. 19 new professorships have been created in these centers since 2013. The research centers have a strong international outlook, support the career development of young researchers, offer family support and build up a network of national and international strategic partnerships. They are at the forefront of their respective fields. The work of the research centers continuously feeds back into the faculties and vice versa.

The *Cluster of Excellence Cellular Stress Responses in Aging-Associated Diseases (CECAD)* works on understanding the molecular mechanisms underlying the aging process and develops new therapies for aging-associated diseases such as cancer, diabetes and neurodegenerative disorders. Over 400 scientists from the fields of genetics, microbiology, physiology, neurology, botany, zoology, biochemistry and medicine work closely together at the interdisciplinary interface between basic research and clinical application. CECAD is jointly supported by the Faculty of Mathematics and Natural Sciences and the Faculty of Medicine. The Max Planck Institutes for the Biology of Aging and for Metabolism Research in Cologne as well as the German Centre for Neurodegenerative Diseases (DZNE) in Bonn are important partners of the Cluster.

The mission of the *Cluster of Excellence on Plant Sciences (CEPLAS)* is to contribute new paradigms to the solution of urgent problems in plant performance and production through the exploitation of natural variation and biodiversity. Plants are the basis of all human life: they provide food, are used as medicine and supply raw materials for clothing, housing and energy production. Due to global change, the role of crop plants as the foundation of human civilization is threatened. CEPLAS applies a new approach that is driven by evolutionary analysis and synthetic biology in order to develop innovative strategies for the resource-saving enhancement of crop productivity. The research center was established in collaboration with Heinrich Heine University Düsseldorf, the Max Planck Institute for Plant Breeding Research and the Research Center Jülich (FZJ).

First-class research facilities in the new CECAD Research Center





The *Center of Excellence for Social and Economic Behavior (C-SEB)* brings together leading researchers from economics, management science and psychology to investigate the mechanisms that affect social and economic behavior. Its aim is to develop an empirically based theory of the institutions that define economic incentives and of the conditions that influence information processing in social and economic contexts. Using behavioral economics and a social cognition approach, the center examines how these mechanisms can be designed and influenced. C-SEB seeks to build a bridge between laboratory research and real-world contexts in order to contribute to solutions to contemporary challenges in the economy.

The research of the *Center of Excellence Quantum Matter and Materials (QM²)* is driven both by the intellectual challenge the field offers and the promise for applications. Within QM², researchers from the fields of mathematics, experimental and theoretical physics, inorganic and physical chemistry as well as crystallography collaborate to unravel the properties of quantum matter. Some of the research topics covered by QM² are the mathematical structures underlying topological matter, the prospect of functionalizing "Dirac matter" like graphene, new states of matter arising from spin-orbit interactions, quantum matter far from thermal equilibrium, the use of nanostructured materials for a wide range of applications and the development of organic electronics.

The *Center of Excellence Global South Studies Center (GSSC)* brings together research expertise on Africa, Asia and Latin America. The Global South is characterized by rapid social, economic, cultural and political change. The GSSC aims to understand the causes and consequences of these processes of change. Participating disciplines are for instance geography, cultural anthropology, history, sociolinguistics, area studies, Latin American history, romance philology, Islamic studies, modern Chinese studies and African studies. A special focus of the GSSC is the close cooperation with partners from countries of the Global South. The center serves as an incubator for innovative joint research projects and offers a supportive academic environment for young researchers.

The *Cologne Center for Ethics, Rights, Economics, and Social Sciences of Health (ceres)* is a center for interdisciplinary research and training in the area of health and advises high caliber policy makers and administrators on health related matters. We live in a society of continuously increasing life expectancy. *ceres* uses both theoretical as well as empirical approaches to understand the effect of aging on various areas of life. Its research focuses particularly on the quality of life of the aged, on the role of health literacy in complex environments and on the digitalization of health. The center brings together scholars and institutions working on health related issues and creates new cooperations, alliances and lasting interdisciplinary research collaboration across the globe. It also strives to make health related information accessible to the general public and to raise public awareness of pressing health issues.

The *Morphomata International Center for Advanced Studies*, funded through an 18.95m€ grant from the German Federal Ministry of Education and Research, is a humanities think tank and space for interdisciplinary discussion. It regularly attracts leading international researchers to come to Cologne and work with our students and staff. The fellows contribute to university life through public lectures, conferences and publications. Beyond the establishment of an international academic network, Morphomata also strengthens the links between cultural and educational institutions, the wider public and the media through exhibitions and events.





The Seminargebäude offers space for state-of-the-art teaching and for conferences

RESEARCH IN OUR FACULTIES

In addition to the research centers, excellent and diverse research activities take place in our six faculties. They form the basis for outstanding individual disciplinary research.

INDIVIDUAL EXCELLENCE

Leibniz Prizes (from 2000)

2013 Achim Rosch, Physics

2009 Martin Zirnbauer, Physics

2007 Jens Claus Brüning, Genetics

2006 Thomas Mussweiler, Psychology

2005 Axel Ockenfels, Economics

2001 Martin Krönke, Immunology

Heinz Maier-Leibnitz Prizes (from 2000)

2014 Silvia Gruhn, Neurobiology/Mathematics

2001 Thomas Mussweiler, Psychology

2000 Christian Kubisch, Genetics

The *Faculty of Management, Economics and Social Sciences* combines theoretical groundwork with applied, practice-oriented research in order to deliver on its mission "Innovation for society". The faculty currently has six key research profile areas: Design & Behaviour: Behavioural Economics; Behavioural Management Science; Digital Transformation; Demography and Social Inequality; Economic Policy; and Value and Risk. These areas are organized as interdisciplinary research units which combine individual excellence and collaborative research. Collaboration with non-university institutes and the service of faculty members on advisory boards of German federal ministries foster strong links between theory and practice.

*Faculty of Management,
Economics and Social
Sciences*

*72 chairs in its three
academic areas*

Academic staff: 477

Students: 9,065

International students: 12 %

wiso.uni-koeln.de

Faculty of Law

50 institutes and chairs in the three areas private law, criminal law and public law

Academic staff: 349

Students: 4,918

International students: 11 %

jura.uni-koeln.de

Research at the **Faculty of Law** takes place at its 50 institutes and chairs, covering all areas of private, criminal and public law. The close and longstanding links of the faculty to users of the research in the legal professions as well as in NGOs, government agencies and industry maintain its impact on policy and practice. A distinctive feature of the Faculty is the Germany-wide unique number of professors with expertise in international law. The Institute of Air and Space Law, one of the oldest and most prestigious institutes of its kind, and the recently established flagship Institute for International Peace and Security Law, which analyzes the legal aspects of war and peace, contribute to the international legal debate.

Faculty of Medicine

58 clinics and institutes offering almost the entire range of medical fields and services

Academic staff: 2,079

Students: 3,349

International students: 16 %

medfak.uni-koeln.de

The **Faculty of Medicine** has created six main research areas across its institutes and clinics: Tissue Homeostasis, Metabolism and Degeneration; Tumor, Infection and Defence; Neuromodulation; Pathological Mechanisms of the Aging Heart; Cellular Plasticity; and Health Literacy in Complex Environments. The faculty has particular strengths in translational research. It runs the government funded Center for Clinical Studies (CCS), which is a service unit supporting and facilitating clinical trials. In the Center for Integrated Oncology (CIO), established together with the University of Bonn, the clinical units concerned with the treatment and care for cancer patients work together with the aim of swiftly implementing innovative discoveries in cancer research on the clinical level. Together, the Faculty of Mathematics and Natural Sciences and the Faculty of Medicine run the Cologne Center for Genomics with state-of-the-art infrastructure for gene expression profiling and next generation sequencing. They also jointly established the Center for Molecular Medicine Cologne (CMMC), which advances the understanding of the underlying molecular and cellular mechanisms of human diseases in order to improve prevention, diagnosis and treatment.

The **Faculty of Arts and Humanities** offers an exceptionally broad range of disciplines. It has particular strengths in prehistory, classics, medieval studies, literary studies, linguistics, non-European languages, African studies and digital humanities. Individual and collaborative research is conducted within its institutes and interdisciplinary centers, bringing together scholars from different disciplines in a supportive research environment (e.g. Cologne-Bonn Center for Central and Eastern Europe, Cologne Center of Language Sciences). The Thomas Institute carries out long-term research projects and publishes critical editions in the fields of medieval philosophy and the history of science. The Husserl Archive is a unique institution in the field of phenomenology, facilitating long-term editorial projects and the ongoing publication of Edmund Husserl's writings. The Cologne Center for eHumanities (CCeH) is a leading research center in the area of digital humanities. It conducts and coordinates a broad spectrum of interdisciplinary projects worldwide and serves as a central hub for applied computer sciences and the humanities. The Mercator Institute for Language Learning and German as a Second Language is funded through a 12m € grant from the Mercator Foundation and advises policy-makers, administrators and educational practitioners on how to improve the quality of language learning and embed it into school curricula.

Faculty of Arts and Humanities

27 institutes in eight subject groups: art history, musicology & media studies; archeology, classics & Mediterranean cultures; German language and literature; non-European languages, cultures and societies; modern languages and cultures; history; theology and religious studies; philosophy

Academic staff: 1,307

Students: 14,602

International students: 12 %

phil-fak.uni-koeln.de





High performance computer CHEOPS

The *Faculty of Mathematics and Natural Sciences* comprises the departments of biology, chemistry, geosciences, mathematics/informatics, physics, and didactics of mathematics and natural sciences. In the field of life sciences, the faculty cooperates closely with the Faculty of Medicine. It has particular strengths in the areas of evolutionary biology, genetics, astrophysics, chemistry and physics of condensed matter, geometry and climate research. Its Center for Accelerator Mass Spectrometry provides facilities for detecting long-lived radioactive isotopes with superior sensitivity and can be used in a range of disciplines from astrophysics to prehistory. The Geoverbund ABC/J connects the expertise of the University of Cologne, the RWTH Aachen, the University of Bonn and the Research Center Jülich (FZJ) in the field of geosciences. Its research primarily focuses on the dynamic Human-Earth-System.

The *Faculty of Human Sciences* is our youngest faculty. Its research strengths lie in the field of intercultural education, early childhood education and social psychology. Its Department of Special Education and Rehabilitation is one of the largest centers of its kind in Europe. The faculty's Center for Diversity Studies (cedis) analyzes the causes and consequences of increasing diversity in contemporary societies, aiming to develop ways of productively dealing with diversity in organizations and in societies as a whole.

Faculty of Mathematics and Natural Sciences

Six departments: biology, chemistry, geosciences, physics, mathematics and informatics, didactics of mathematics and natural sciences

Academic staff: 1,386

Students: 10,365

International students: 7 %

mathnat.uni-koeln.de

Faculty of Human Sciences

Four departments: education & social sciences, psychology, special needs education & rehabilitation, music & art education

Academic staff: 645

Students: 8,128

International students: 4 %

hf.uni-koeln.de

RESEARCH ALLIANCE COLOGNE

Max Planck Institutes (MPI)

MPI for Biology of Aging
MPI for Metabolism Research
MPI for Plant Breeding Research
MPI for Radio Astronomy
MPI for the Study of Societies
Center of Advanced European
Studies and Research (caesar)

Helmholtz Association

Research Center Jülich (FZJ)
German Aerospace Center (DLR)
German Centre for
Neurodegenerative Diseases
(DZNE)

Leibniz Association

Leibniz Institute for the
Social Sciences (GESIS)



The University of Cologne is part of a strong regional research network. We have particularly close ties to our neighboring universities RWTH Aachen, Bonn and Düsseldorf. Cologne is a founding member of the German U15, the network of leading German research universities. We are also part of the Cologne Science Forum, a platform of 22 higher education and research institutions based in Cologne. The city's institutions are home to over 100,000 students in total. The goal of the forum is to utilize this huge academic and economic potential.

A number of fruitful and long-standing collaborations with non-university institutes in the Rhineland region are institutionalized in the Research Alliance Cologne with the aim of facilitating joint strategic development. Some of our partner institutions are located directly on our campus or elsewhere in the city of Cologne, which significantly enhances day-to-day collaboration. Together with the Research Alliance Cologne, we initiate and work on collaborative research projects, jointly appoint professors, share facilities and infrastructures, and provide training for young researchers (e.g. cooperation in graduate schools).



CAMPUS AND INFRASTRUCTURE

The University of Cologne is set on a large and green urban campus. The faculties, research centers and non-university partners are in close proximity, the city with its infrastructure is within easy reach. Short distances and good public transport links guarantee that you can get around quickly and easily and make the most of your time in Cologne. In recent years, we have invested heavily in our infrastructure in order to modernize and transform the campus and to provide state-of-the-art facilities for students and staff. Over the next ten years, we will invest 1bn € in the construction of new buildings or the substantial refurbishment of existing buildings and facilities.



The Student Service Center provides information and advice for all students

DIVERSITY AND FAMILY SUPPORT

The University of Cologne values diversity and equality and supports the compatibility of an academic career with having a family. Family support policies and measures to increase diversity have been implemented on all levels. In 2014 the University of Cologne won the Total-E-Quality-Award, which certifies German institutions that have sustainable gender equality and diversity policies. The University of Cologne signed the Diversity Charter (Charta der Vielfalt), a charter sponsored by the German Chancellor that aims to further the integration of diversity into the organizational cultures of the signing institutions. Our selection and recruitment procedures for professors are certified as fair and transparent by the German Association of University Professors and Lecturers (DHV). Through an Equal Opportunities Award, we honor achievements in the field of gender equality and family support in our faculties. The award is named after the first female student at the University of Cologne, Jenny Gusyk. The University of Cologne has a Dual Career & Family Support service in order to make life for newly appointed professors and academics with families easier. It provides information and advice on the practicalities of settling in and living in Cologne with a family.



GENDER QUALITY MANAGEMENT	DUAL CAREER & FAMILY SUPPORT
<ul style="list-style-type: none">• <i>Development and implementation of gender equality and diversity strategies</i>• <i>Gender and diversity data-monitoring, evaluation of gender and diversity policies</i>• <i>Networking, PR and event organization</i>• <i>Coordination of third-party funded gender and diversity projects</i> <p>genderqm.uni-koeln.de</p>	<ul style="list-style-type: none">• <i>Dual career opportunities</i>• <i>University daycare center "Paramecium"</i>• <i>Back-up childcare service</i>• <i>Support for settling in in Cologne with a family</i>• <i>Support for employees caring for elderly or disabled family members</i> <p>verwaltung.uni-koeln.de/cfs</p>





YOUNG RESEARCHERS

YOUNG RESEARCHERS

The University of Cologne is committed to attracting, developing and retaining excellent researchers on all levels. Our doctoral researchers and postdocs form part of the academic research community, and the training and support they receive enables them to join the next generation of academic researchers and teachers, or to build successful careers outside of academia.

DOCTORAL RESEARCHERS

Most of our doctoral candidates pursue their research within one of our doctoral programs or graduate schools. We offer a total of about forty structured doctoral programs, embedded in nine faculty and discipline-wide graduate schools, which are tied together under the umbrella of the Albertus Magnus Graduate Center (AMGC). The AMGC provides a central platform for all doctoral students and doctoral programs. It is the first contact point for all students who wish to pursue a doctorate at the University of Cologne. It provides a comprehensive academic and professional skills development program for doctoral researches. It supports the internationalization of the doctoral student body by funding research stays abroad, summer schools, language courses and workshops to acquire intercultural competencies. In addition to hosting social events throughout the year, the AMGC also organizes Welcome Days for newly incoming doctoral researchers, helping to integrate them into the Cologne graduate culture.

ALBERTUS MAGNUS GRADUATE CENTER (AMGC)

- Information and advice for current and prospective doctoral researchers
- Workshops for academic and professional development
- Social events and networking activities
- Safeguarding of quality standards in doctoral training
- Providing support in cases of conflict

amgc.uni-koeln.de

Comprehensive list of all doctoral programs
amgc.uni-koeln.de/doctoralprograms.html



“The University of Cologne more than matches the city of Cologne’s openness and friendliness to international visitors. I can heartily recommend any international researcher to visit the University of Cologne and enjoy its hospitality.”

Dr Joris Lammers, Postdoc at the Social Cognition Center Cologne, Awardee of the Leo Spitzer Prize for Young Researchers

The faculty and discipline-wide graduate schools offer structured doctoral programs with intensive supervision to all members and provide a range of support measures, like travel and conference grants, summer schools and family support. Many of our doctoral researchers are funded through the graduate schools which offer scholarships and, in some cases, junior positions for doctoral candidates. Our graduate schools create a supportive environment in which people and ideas can thrive. The University of Cologne has about 3,500 enrolled doctoral researchers. Our doctoral student body is increasingly international, with currently 750 researchers coming from abroad. Some of our doctoral programs have up to 40 % international members (e.g. in the biological sciences).

The *Cologne Graduate School in Management, Economics and Social Sciences (CGS)* is the graduate school of the Faculty of Management, Economics and Social Sciences. All doctoral researchers of the faculty are part of the CGS. They have the opportunity to attend its courses and benefit from its infrastructure. The CGS strengthens the interdisciplinary collaboration among management, economics and social sciences. The graduate school runs a special fellowship program in which each year a limited number of scholarships are offered to outstanding graduates in the participating disciplines and related fields. These CGS-Fellows are recruited internationally.

The *Graduate School of the Faculty of Law* creates optimal working conditions for doctoral candidates in law, encouraging them to become active members of their academic community. It offers a variety of events and workshops to support the writing of a dissertation. Special lectures on civil law, public law, criminal law and the foundations of law (e.g. history, sociology, philosophy) are offered. Doctoral researchers have the opportunity to organize research seminars to present their research to a broader audience and discuss their subjects within an interdisciplinary context. Another goal of the graduate school is to support initiatives of doctoral candidates, like networking activities and the formation of focused working groups. Individual joint doctorates have so far been arranged with the Sorbonne (Paris), the University of Bologna and the Università Cattolica del Sacro Cuore in Milan.

The *a.r.t.e.s. Graduate School for the Humanities Cologne* is the graduate school of the Faculty of Arts and Humanities. It is funded through the Excellence Initiative. Its doctoral program is divided into a Regular Track, which follows the traditional model of an individual doctorate, and an Integrated Track, a structured doctoral program that is designed to allow the completion of a doctorate within three years. a.r.t.e.s. also provides a Research Master program for highly talented and motivated master's students and a Research Lab for postdocs. The graduate school has a broad interdisciplinary approach and a strong network of international partners. Overarching research themes are, for instance, the genesis and development of knowledge as well as processes of reception and transculturation and their respective anthropological and ethical foundations.

The graduate school *Managing Diversity and Transition* is the central graduate school of the Faculty of Human Sciences. It is organized into three research groups, has a strong interdisciplinary profile and aims to qualify its students for careers in academia and beyond. To that end, the graduate school offers research seminars and professional development courses. Each doctoral candidate is supervised by a team of two experienced senior academics. The graduate school also supports its students through summer schools, scholarships and travel grants to enable them to become active members of their academic community.

The *Graduate School for Biological Sciences (GSfBS)* offers specific graduate programs and a core program for all graduate students in all areas of biology. It facilitates the cooperation between research groups engaged in life science research at the University of Cologne. Centered on the functional analysis of biological processes, the scientific base of the program is broad, providing students with opportunities for training in fields ranging from ecology and evolution to molecular genetics or physiology, and including all of the major microbial, plant and animal model systems. The doctoral program reflects the increasing importance of interdisciplinary research and provides comprehensive training in scientific, methodological and transferable skills. Doctoral candidates are supervised by an individual thesis committee. The GSfBS serves as the umbrella for all doctoral programs and candidates in biology and related disciplines.

One of our flagship subject specific graduate schools is the *Bonn-Cologne Graduate School for Physics and Astronomy (BCGS)*, which is funded through the Excellence Initiative. The program, jointly offered with the University of Bonn, leads students with a bachelor's degree through an MSc phase to their doctorate. Students who already hold an MSc degree are admitted directly to the doctoral stage. The BCGS offers a vibrant research environment at the forefront of modern physics and provides its members with mentoring schemes, research internships, scholarships and travel funds. Research areas at the physics departments of Bonn and Cologne cover almost the entire spectrum of current physics: from astrophysics, biophysics and condensed matter research to particle physics, quantum optics and string theory.

The *Graduate School of Geosciences (GSGS)* offers a structured and international research and learning environment for doctoral researchers in geosciences. It encourages and facilitates cooperation and interdisciplinary research among the participating disciplines (geophysics, meteorology, geology, mineralogy, geography). The GSGS ensures intensive supervision through a doctoral committee and offers a range of formats for presenting and discussing research with a diverse geoscience audience. It offers financial support for its members, an invited speaker program and networking activities with researchers and potential employers outside academia. After graduation, the GSGS offers its members support in obtaining third party funding and scholarships in order to facilitate a smooth transition to the postdoctoral career phase.

The cross-faculty *Graduate School of Education* offers a structured doctoral program for students working in the field of education, didactics and pedagogy. It has three core areas of research: implementation research, inclusion and professionalization in education. The program prepares its candidates for careers in academia and as educational practitioners. It offers a broad range of options for individually tailored mentoring, coaching and intensive supervision of your doctorate. It brings together doctoral researchers from all faculties and facilitates interdisciplinary exchange and networking. The graduate school also offers funding for its members and has a family support program.



Max Genske, doctoral researcher at the Bonn-Cologne Graduate School for Physics and Astronomy (BCGS)



POSTDOCS AND ASSISTANT PROFESSORS

The University of Cologne makes strong efforts to ensure that young researchers who wish to pursue an academic career are supported on their way through transparent career paths, funding and individually tailored mentoring and coaching initiatives.

We have established transparent Tenure Track procedures for assistant professors in order to attract outstanding researchers and to offer an attractive and reliable career path to a permanent academic position. We are also popular with ERC grant holders and heads of independent junior research groups, for instance from the DFG Emmy Noether program, who come with their awards to Cologne to do their research at our university. In addition, we offer a number of Postdoc Grants and Advanced Postdoc Grants each year. They allow young researchers to raise their academic profile and to fund their own independent research groups. We also award three Junior Research Awards to outstanding young scholars each year.

The University of Cologne has established a Junior Faculty Club (JFC), which is open to all leaders of independent junior research groups and assistant professors, including those from the Research Alliance Cologne. It provides a supportive environment and serves as the central communication and information platform for researchers on their way to a professorship. Through the JFC, young researchers have a university-wide representation and an important voice in the strategic development of the University of Cologne. Our faculty and academic staff development unit offers individual coaching, tailored opportunities for further education and support for academic and social networking specifically for young researchers.

JUNIOR FACULTY CLUB

- Platform for young researchers on the way to a professorship
- Funding for the organization of conferences, workshops and seminars
- Social events
- The voice of young researchers in the strategic development of the university

exzellenz.uni-koeln.de/juniorfacultyclub.html

FACULTY AND ACADEMIC STAFF DEVELOPMENT

- Seminars and workshops
- Coaching and mentoring
- Career development
- Networking and information

postdoc.uni-koeln.de



“The University of Cologne supports young parents in various ways: it offers flexible work schedules and childcare facilities to help young academics and university employees pursue their careers.”

INVESTMENT IN YOUNG FEMALE RESEARCHERS

The University of Cologne recognizes the difficulty of combining an academic career with having a family, particularly in the doctoral and postdoctoral career phase. Hence, we have established a number of specific support measures. The Female Career Center (FCC) provides regular personal and professional development training courses for students and staff. The Cornelia Harte Mentoring (CHM) scheme combines one-on-one mentoring with general skills training and networking. The university offers re-entry positions for female doctoral researchers and postdocs as well as grants for young female researchers, e.g. to cover costs for childcare or for international networking activities. These measures are complemented by a comprehensive childcare infrastructure for the children of staff and increasingly also of students. Our daycare center Paramecium offers back-up childcare service for conferences and events.

FEMALE CAREER CENTER (FCC)

- Seminar and workshop program for personal and professional development
- Networking activities
- Mentoring

fcc.uni-koeln.de





THE STUDENT
EXPERIENCE

THE STUDENT EXPERIENCE

We combine the best of our over 600-year long tradition with twenty-first-century teaching and research. Our students benefit from our diverse and inspiring research culture, providing them with the opportunity to learn from leaders in their fields. We are committed to delivering high-quality, innovative teaching and to preparing our students for academic as well as professional careers.

The University of Cologne offers 128 undergraduate programs and 138 postgraduate programs in its six faculties. Currently we have about 50,000 students enrolled, among them about 5,000 international students from 129 countries. An additional 1,000 students come to Cologne as exchange students every year. Our students are taught by a total of about 7,000 academic staff. Roughly 20 % of our own student body spend time studying abroad.

Comprehensive list of our degree programmes:
zsb.uni-koeln.de/studienangebot





Our broad range of degree programs offers flexibility and choice. Although we are a fairly large university, we enable our students to follow their own academic interests and to develop both intellectually and personally. In 2013 the Student Service Center (SSC) opened its doors, offering student advisory services and other support functions on 11,500 sqm. Our students have access to a wealth of study resources: state-of-the-art laboratories and analytical facilities as well as a large central library and an additional 150 subject specific libraries, together holding over 6.5m items and providing nearly 30,000 sqm of reading and study space. All of our degree programs are accredited according to the standards of the Foundation for the Accreditation of Study Programs in Germany, which is responsible for safeguarding the standards of learning in German higher education and for encouraging continuous improvement. We are constantly developing our curricula to ensure that they offer students the best possible education.

Students also have a say in the development of the University of Cologne through representation on important decision-making committees. Additionally, the student council holds monthly meetings with the rector of the university to discuss student matters.

FOR INTERNATIONAL STUDENTS

- **Application**
international.uni-koeln.de/application.html
- **Accommodation in Cologne**
international.uni-koeln.de/housing.html
- **Immigration, visa**
international.uni-koeln.de/immigration_residence.html

GERMAN LANGUAGE

- **German language requirements**
international.uni-koeln.de/german_language_requirements.html
- **German language classes**
international.uni-koeln.de/deutschkurse.html
- **Goethe Institute**
goethe.de
- **German Academic Exchange Service (DAAD)**
daad.de

Undergraduate teaching mostly takes place within our six faculties. Most of our courses are taught in German. However, a limited but growing number of courses are taught in English. For international students wishing to come to Cologne, we offer German language courses and preparatory programs. We are a member of the Erasmus network and our faculties offer a wide range of international exchange programs if you want to come to Cologne to study for a term.

Our central International Office and the Centers for International Relations (ZIB) at the six faculties are the first contact points for international students. They will provide you with all the information and support you need to come to Cologne and settle in. They also offer events and activities throughout the academic year.

INTERNATIONAL OFFICE

- *Service for international students*
- *Welcome Center for international scholars*
- *Service for students and graduates: study and research abroad*
- *International alumni network*
- *German as a foreign language*

international.uni-koeln.de

Graduates from the University of Cologne are sought after on the job market. The university's ProfessionalCenter as well as the faculties' Careers Services provide advice and support, whatever your plans for the future. They offer workshops, one-on-one advice sessions, and courses for personal and professional skills development. They are also developing strong links with employers from all industries and employment sectors, from large global corporations to local enterprises, and organize opportunities for students to meet employers on campus. We recently launched our incubator Gateway, which works with students and staff to help them start new businesses.

Directly on campus, we have great sports facilities and a university gym. Over 120 different sports are offered to students and staff through the university sports club UniSport Köln, ranging from Aikido to windsurf camps. Student societies, a student theater, the Collegium musicum and our Campus Radio offer exciting extra-curricular opportunities and contribute to a lively and sociable campus culture.

PROFESSIONALCENTER

- Workshops and seminars for personal and professional development
- Helping students improve their study skills
- Enhancing the employability of students
- Networking with potential employers

professionalcenter.uni-koeln.de

GATEWAY

- Incubator offering office space
- Seminars on entrepreneurship
- Start-up consulting
- Start-up network

gateway.uni-koeln.de

CAMPUS ACTIVITIES

UniSport Köln
unisport.koeln
Campus theater (Studiobühne)
studiobuehnekoeln.de
Collegium musicum
collmus.uni-koeln.de
Köln campus Radio
koelncampus.com





TEACHING IN OUR FACULTIES

With almost 10,000 students the *Faculty of Management, Economics and Social Sciences* is the largest of its kind in Germany. The faculty comprises three academic areas: management, economics and social sciences. It offers its students a broad range of programs and specializations. Excellent research is linked with the corporate and business world. The EQUIS accredited faculty is a founding member of “CEMS – The Global Alliance in Management Education” and the only German institution offering the prestigious CEMS Master’s in International Management. In addition to students pursuing international degrees, the faculty welcomes 400 incoming exchange students each year. The faculty is consistently top ranked, not only for research performance, but also for the employability of its graduates.

With about 5,000 students, the *Faculty of Law* is one of the largest German law schools. It is also one of the oldest. The curriculum leading to the German diploma “Staatsexamen” is comprehensive and covers all areas of law (private law, criminal law, public law). It prepares students to enter the legal professions or to pursue careers in business or administration. The faculty also offers master’s programs in corporate tax law and business law. The faculty’s certificate courses in US American Law provide an introduction into the legal system of the United States. Additionally, there are a number of international programs. Double- and joint-degree LL.B. programs are offered in cooperation with University College London (UCL), the Sorbonne (Paris), Istanbul Kemerburgaz University and the University of Florence. The faculty offers individually tailored LL.M. programs and bi-national LL.M. programs in French/German and Turkish/German business law together with the Sorbonne (Paris) and Istanbul Bilgi University. Graduate students from abroad can study an LL.M. program covering German law and additional areas of specialization. Students can take part in the Cologne Moot Court Center, which simulates court procedure and allows students to test their skills in a real-world setting and in moot court competitions.

English-language and double-degree programs:

CEMS Master in International Management (CEMS MIM)

Double Master in Business Administration (Cologne-Helsinki/Cologne-Louvain/Cologne-Warsaw/Cologne-Ahmedabad)

Double Master in European Studies (Cologne-Maastricht)

Double Master in Health Economics (Cologne-Maastricht)

English-language and double-degree programs:

Double Bachelor of Laws (LL.B.) (Cologne-Paris/Cologne-London/Cologne-Istanbul/Cologne-Florence)

Double Master of Laws (LL.M.) (Cologne-Paris/Cologne-Istanbul)

International Master of Environmental Science (IMES)

English-language and double-degree programs:

Double Master in Health Economics (Cologne-Cairo)

The *Faculty of Medicine* currently has 3,500 students enrolled in its three core programs: human medicine, dentistry and neurosciences. The degree programs train students for the medical professions and for doing research. They benefit from the cutting-edge research conducted at the faculty. Its innovative approach to teaching sets it apart from other German medical faculties. Students not only acquire theoretical knowledge and training in scientific methods, they are also extensively trained in skills relevant to actual medical practice and undergo intensive bedside training to improve their patient handling skills. This training is provided by the Cologne Interprofessional Skills Lab and Simulation Center (KISS). All students with stronger research interests can follow a Research Track. Students have a specialized medical library at their disposal that is unique in Germany: the Central Library of Medicine (ZB MED) holds about 1.6 m books, subscribes to 7,500 journals and offers an additional 20,000 journals and a wealth of other resources online.

English-language and double-degree programs:

North American Studies (BA/MA)

Culture and Environment in Africa (BA/MA)

The *Faculty of Arts and Humanities* has about 15,000 students enrolled and offers an exceptionally broad range of subjects, covering all aspects of past and present human cultural production and experience in the fields of art, languages, literature, media, history and philosophy. Excellent research feeds directly into the currently 28 undergraduate and 32 postgraduate degree programs. These range from art history to languages and cultures of the Islamic world. Over 30 ancient and modern languages can be studied. Students learn critical skills and acquire the ability to understand and interpret culture. The degrees offered by the Faculty of Arts and Humanities teach transferable skills like communication, problem-solving, the ability to work under pressure and teamwork, which are important in many different careers. The degree programs offer firm grounding in a discipline, but also encourage an interdisciplinary outlook.



"At the University of Cologne, you can choose many different course combinations that other universities don't offer. I chose Musicology and Finnish Studies. The Finnish Studies Department is one of the smallest departments at the university which allows close contact to our teaching staff."

*English-language and
double-degree programs:*

MSc in Biological Sciences

MSc in Physics

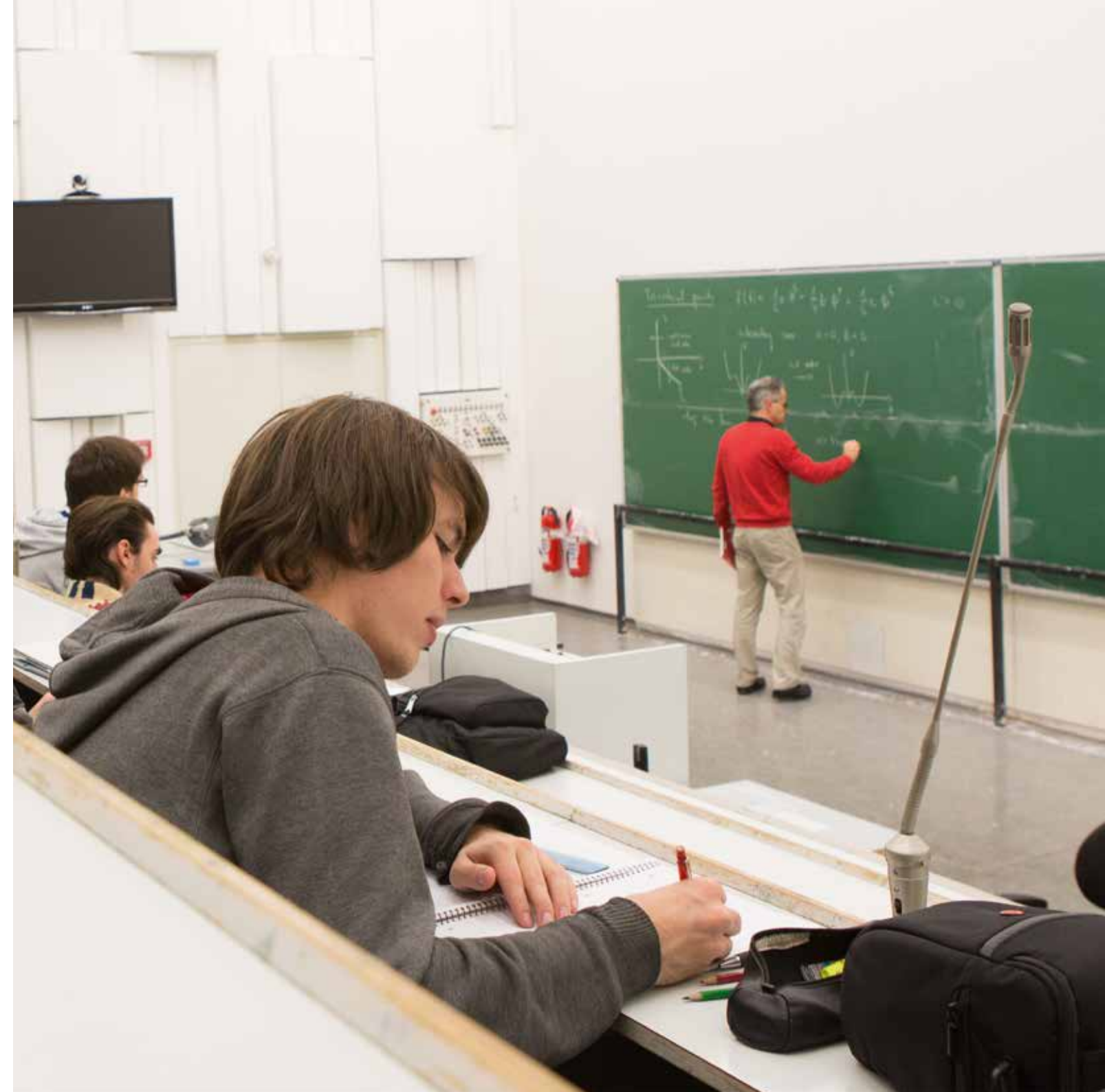
*MSc in Physics of the Earth
and Atmosphere*

*International Master of
Environmental Science (IMES)*

The *Faculty of Mathematics and Natural Sciences* has over 10,000 students who are taught within six departments and 22 institutes. The faculty is one of the largest of its kind in Germany. Front-line fundamental and applied research feeds directly into the broad range of degree programs. Students benefit from access to first-class facilities and close collaboration with the Faculty of Medicine, Max Planck Institutes and the Research Center Jülich (FZJ). Together with the Faculty of Medicine, the Faculty of Management, Economics and Social Sciences, the Faculty of Law and the Faculty of Human Sciences, the faculty offers the International Master of Environmental Sciences (IMES), which specifically addresses international students. The program uses multidisciplinary approaches and ways of thinking in order to better understand and deal with current and future environmental issues.

The *Faculty of Human Sciences* has over 8,000 students and offers programs in education, social sciences, psychology, and rehabilitation sciences. The faculty tries to encourage research orientation early on by creating space for research in its BA and MA programs. The degree programs encompass academic as well as practical components.

The cross-faculty *Center for Teacher Education (ZfL)* is one of the largest and most important teacher training centers worldwide. It has 13,000 students, collaborates with over 1,000 schools and provides a vital link to pedagogical practice by providing training opportunities for future teachers. The students training to become teachers are enrolled in one or more of our faculties to gain substantial knowledge in their chosen academic subjects. Teacher education in Cologne covers all areas, including special education, early childhood education and adult education. In 2015 the ZfL won a 7.6m€ grant from the government to increase quality in teacher education.





AN
INTERNATIONAL
UNIVERSITY



“Internationalization is an important part of our profile: based on our conviction that excellence in research and teaching can only be achieved by collaboration and exchange of knowledge we continuously aim to increase our reach in an interconnected world.”

AN INTERNATIONAL UNIVERSITY

The University of Cologne has 85 university partnerships worldwide and 500 individual exchange and cooperation partners at the faculty level. We are continuously increasing our international reach through cooperation with other higher education and research institutions and by attracting international students and staff. We also support the international mobility of our own students and staff. Our cooperations range from highly prestigious specialized institutions and renowned networks like CEMS to excellent international universities like the University of California, Berkeley.

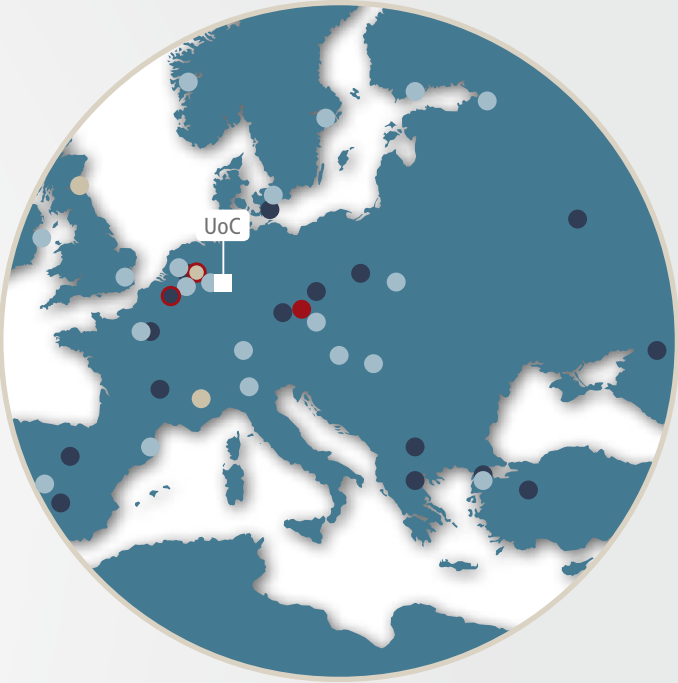
We have formed the strongest links with our currently seven Global Network Partners. Together we are developing research projects, degree programs and are exchanging students and academic as well as administrative staff.

- KU Leuven, Belgium*
- Sun Yat-sen University, Guangzhou, China*
- University of Cape Town, South Africa*
- University of Colorado at Boulder, USA*
- Charles University, Prague, Czech Republic*
- Radboud University, Nijmegen, Netherlands*
- Keio University, Tokyo, Japan*

Our research centers and faculties have additional Strategic Research Partners. On top of these strong links with our partner institutions worldwide, we have established three international liaison offices in Beijing, New Delhi and New York to raise our international profile and provide a first point of contact for our non-European international partners.

CHINA OFFICE	INDIA OFFICE	USA OFFICE
<i>Mrs Lan Qiu</i> <i>lan.qiu@uni-koeln.de</i>	<i>Mrs Amisha Jain</i> <i>amisha.jain@uni-koeln.de</i>	<i>Mrs Stefanie Grupp-Clasby</i> <i>s.grupp-clasby@uni-koeln.de</i>

SHARING KNOWLEDGE ACROSS EUROPE AND WORLDWIDE



- Global Network Partner
- Strategic Research Partner
- University Partner
- CEMS Partner

Plus more than 500 faculty cooperation partners worldwide

OUR INTERNATIONAL FACULTY PROGRAM

The University of Cologne has established an International Faculty Program, which attracts high-caliber international academics to Cologne. Scholars coming through this program hold salaried part-time positions at our university in addition to the position at their home institution. They spend part of the year in Cologne to engage in collaborative research, postgraduate teaching and the training and supervision of our doctoral candidates. The International Faculty currently has 18 members, strengthening our research and teaching excellence.

Year in, year out, Cologne welcomes a large number of international visitors also beyond the International Faculty Program. The Morphomata International Center for Advanced Studies, for instance, hosts up to ten fellows from different countries and disciplines every year. Our research centers, faculties and DFG funded Collaborative Research Centers (CRCs) likewise all have their own guest programs offering opportunities for collaboration and exchange.

international.uni-koeln.de/internationalfaculty.html



"The International Faculty Program allows the University of Cologne to attract top researchers from around the world to Cologne to teach and participate in research. This form of cooperation is interesting for international faculty members because our university has an excellent reputation in many research areas."

Professor Matthias Sutter, Chair in Economics: Design and Behavior, former International Faculty Member

OUR WELCOME CULTURE

We are particularly proud of our strong welcome culture at the University of Cologne. Our Welcome Center for international guests is part of the Euraxess network of the Alexander von Humboldt Foundation. It provides a wide range of services and support for incoming international scholars. Guest scholars get support for planning their stay in Cologne and for dealing with administrative issues and the practicalities of living in a foreign city (e.g. accommodation, childcare, schools).

WELCOME CENTER

- Service and advice for international scholars and their UoC hosts
- Support for: visa, accomodation, administrative and family matters
- Cultural and social events
- On departure: end-of-stay services, Researcher Alumni Network

international-scholars.uni-koeln.de/welcomecentre.html



“Cologne has developed a unique welcome culture that successfully blends educational, economic and social interests in a friendly micro-cosmos to make anyone feel at-home, right from the beginning!”

Professor Sanjay Mathur, Chair for Inorganic and Material Chemistry



DISCOVER
COLOGNE

DISCOVER COLOGNE

Our large urban campus is located in the heart of the city of Cologne. Cologne's open and friendly atmosphere and its international outlook make it a place where people from all corners of the world feel easily at home. The surrounding Rhineland offers not only a UNESCO World Heritage countryside, it is also one of Europe's most developed economic regions with particular strengths in the automotive, media, chemical and pharmaceutical industries. The many opportunities Cologne offers make it a great place to live, work and study.



Where the present meets the past: Rheinauhafen with the old town and the iconic cathedral





CATHEDRAL

STUDENT CAFES AND NIGHTLIFE

UNIFIT GYM

NATURAL SCIENCES AND
MATHEMATICS

TRAIN AND BUS STATIONS

LAWN TO RELAX

ECONOMICS, MANAGEMENT
AND SOCIAL SCIENCES

STUDENT SERVICE CENTER

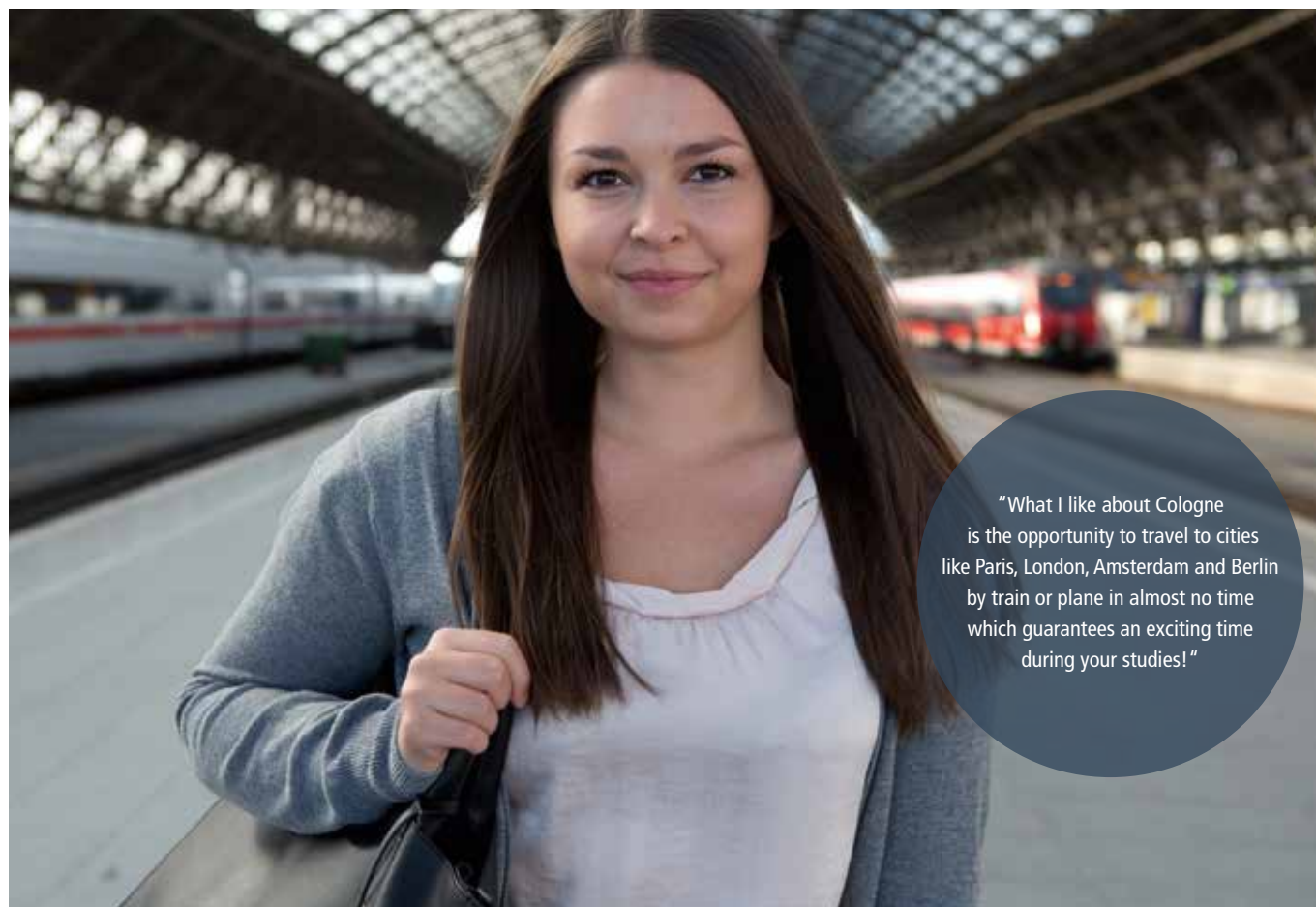
MAIN BUILDING

ALBERTUS MAGNUS

Cologne is Germany's fourth largest city with a population of about 1 m people. It is home to a total of over 100,000 students. Cologne is a modern and truly international city, with about 18 % non-German residents, and plenty of international visitors. At the same time it manages to maintain a strong sense of tradition and local identity. Be it the famous carnival season in February, the local breweries (Kölsch) or the traditional Christmas markets – Cologne celebrates its customs and traditions. The beautiful river bank along the Rhine makes the city an attractive place for leisure activities; a large number of parks and beer gardens make it a very green city. Great sports facilities are also at your disposal. The well-developed public transport network makes getting around easy.

Cologne is also a historic city, renowned for its Gothic cathedral, the most visited tourist site in Germany, its Romanic churches and the medieval city center. The cultural scene is very lively and offers a great variety of museums, theatres, galleries and art exhibitions. Cologne also features an Opera house and a Philharmonic concert hall. The "Art.Cologne", Germany's most important art fair, the international literature festival "lit.cologne" and the music and pop culture festival "c/o pop" are all hosted here.



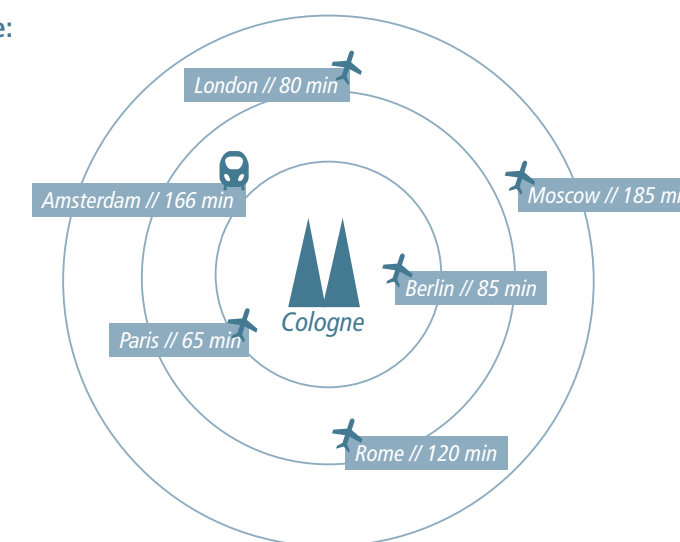


Margarita Buchholz, student at the Faculty of Management, Economics and Social Sciences

Together with the surrounding metropolitan Rhine Ruhr area, Cologne has a population of over 12 m people. The region is an economic power house. Several international corporations have their headquarters or regional offices in Cologne, making it an important business location. Cologne is also an important trade fair center and one of the largest trade fair and exhibition grounds in the world. In Cologne, Germany's media capital, more than 50,000 people are employed in the media sector and the cultural industries. It is home to several major TV and radio stations as well as to important parts of the German music industry. More than 10,000 companies are active in the IT and telecommunication sector.

With its international airport, Cologne is connected to more than sixty European capitals and international destinations. A high speed train connects Cologne not only to Bonn, home to institutions of the United Nations, and to Frankfurt, the largest financial center on the continent and one of the world's top ten airports, but also to Paris and soon to London.

Information on Cologne:
cologne-tourism.com



IMPRINT

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The Rector of the University
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