

# Data & Facts

Spring 2018

## TU Dortmund University: A university with a unique profile

Since its founding 50 years ago, TU Dortmund University has developed a special profile, encompassing 16 faculties ranging from science and engineering to social sciences and cultural studies. The university currently has circa 34,600 students and 6,200 staff members, including 300 professors. The curriculum is comprised of around 80 programs of study, both traditional and innovative, some even unique to this university. A broad teacher training program is also offered for all school types. The various scientific disciplines share a common university spirit in which interdisciplinarity, communication and cooperation are not only taught, but lived and experienced. This interaction creates an environment conducive to technological innovation and fosters advances in methods and knowledge.

### Faculties

Faculty of Mathematics

Faculty of Physics

Faculty of Chemistry and Chemical Biology

Faculty of Computer Science

Faculty of Statistics

Faculty of Biochemical and Chemical Engineering

Faculty of Mechanical Engineering

Faculty of Electrical Engineering and Information Technology

Faculty of Spatial Planning

Faculty of Architecture and Civil Engineering

Faculty of Business and Economics

Faculty of Education, Psychology and Sociology

Faculty of Rehabilitation Sciences

Faculty of Human Sciences and Theology

Faculty of Cultural Studies

Faculty of Arts and Sports Sciences



## Central scientific institutions

Center for Teacher Training (DoKoLL)

Social Research Center Dortmund (sfs)

Center for Synchrotron Radiation (DELTA)

Center for Higher Education (zhb)

## Affiliated institutes

Leibniz Institute for Analytical Sciences (ISAS)

Leibniz Research Centre for Working Environment and Human Factors at TU Dortmund University (IfADo)

Research Association for Gerontology/Institute for Gerontology at TU Dortmund University (FfG)

German Institute for Civic Art (DIS)

Research Institute for Technology and Disability (FTB)

## Associated research institutes

Max Planck Institute of Molecular Physiology (MPI)

Fraunhofer Institute for Material Flow and Logistics (IML)

Fraunhofer Institute for Software and Systems Engineering (ISST)

Federal Institute for Occupational Safety and Health (BAuA)

Research Institute for Regional and Urban Development (ILS)

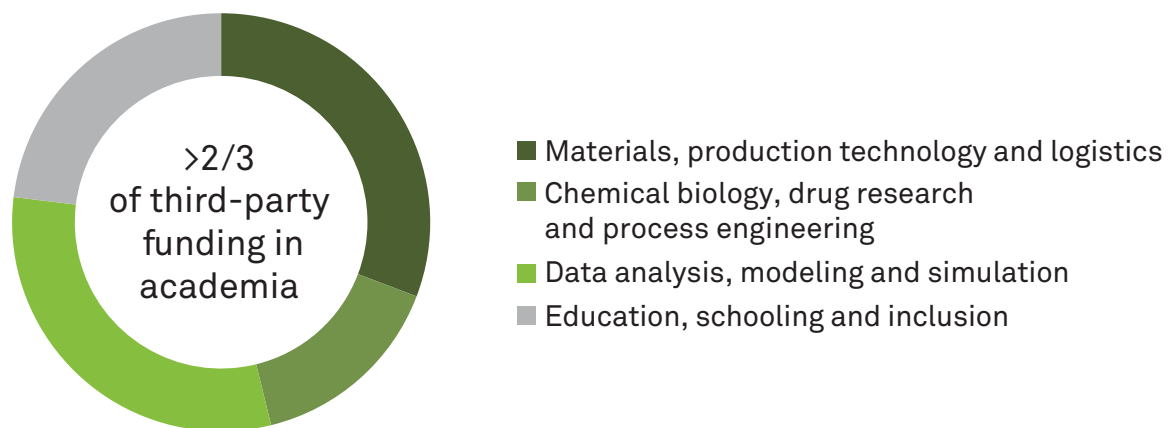
INVITE GmbH

LogistikCampus



## Special strength in four profile areas of research

Research at TU Dortmund University is highly visible both nationally and internationally in four profile areas. Research projects in these fields contribute for more than two thirds of the external funding.



### Education, schooling and inclusion

The findings of the research area provide direction for national and international educational policy. The empirical research results form the basis for developing concepts for the entire breadth of pre-school, school and vocational education.

### Materials, production technology and logistics

Here researchers at TU Dortmund University are developing innovative concepts for material processing and – together with experts from the Fraunhofer Institute for Material Flow and Logistics – are designing how the flow of goods and production processes shall be managed.

### Data analysis, modeling and simulation

In this profile area computer science, mathematics, statistics, the engineering and the economic sciences are collaborating on the modeling of technical processes and economic developments.

### Chemical biology, drug research and process engineering

In this field the Faculty of Biochemical and Chemical Engineering (Germany's largest), the Faculty of Chemistry and Chemical Biology and the Max Planck Institute of Molecular Physiology (also located in Dortmund) are collaborating with other institutions.



## Excellence Initiative

Participation in Excellence Cluster RESOLV, Ruhr Explores Solvation of Ruhr-Universität Bochum

## Collaborative research centers (CRC) and transregional collaborative research centers funded by the German Research Foundation

CRC 823: Statistical modeling of nonlinear dynamic processes

CRC 876: Providing information by resource-constrained data analysis

CRC/transregio 160: Coherent manipulation of interacting spin excitations in tailored semiconductors

Transregio 188: Damage controlled forming processes

Participation in CRC 969 of Universität Konstanz:  
Chemical and biological principles of cellular proteostasis

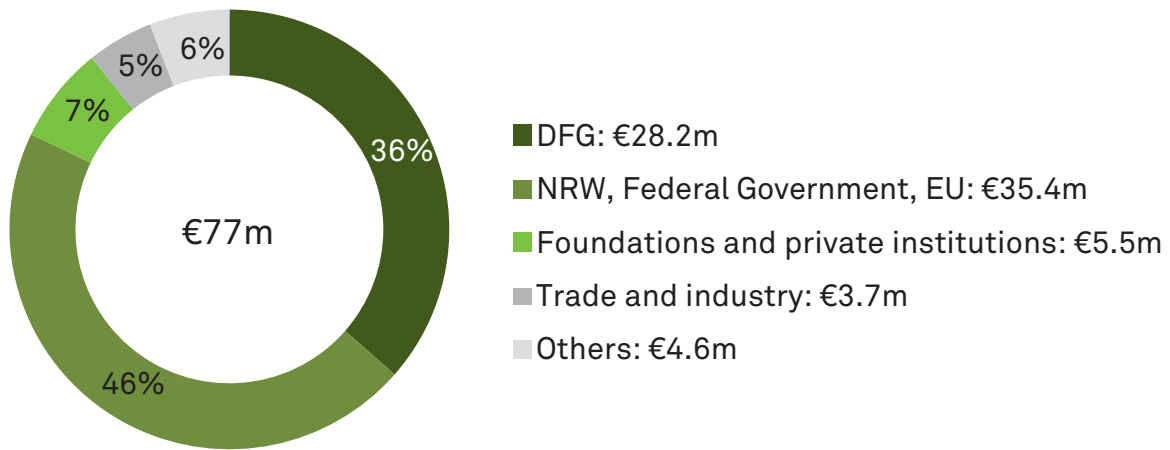
Participation in CRC/transregio 63 together with TU Berlin and University Magdeburg: Integrated chemical processes in liquid multiphase systems – InPROMPT

Participation in CRC/transregio 73 together with FAU and Leibniz Universität Hannover: Manufacturing of complex functional components with variants by using a new sheet metal forming process – Sheet-bulk metal forming

Participation in CRC/transregio 142 together with Paderborn University: Tailored nonlinear photonics: From fundamental concepts to functional structures

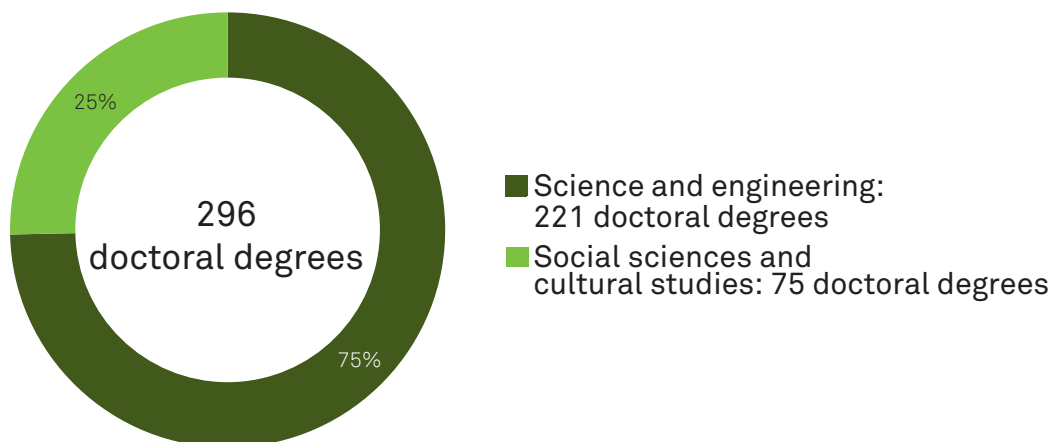


## Third-party funding



For 2017, the third-party expenditures of TU Dortmund University amounted to €77,4 million, three quarters of which were from public funds.

## Doctoral degrees



Many young researchers earn their doctorates at TU Dortmund University: 296 doctorates were awarded in the calendar year 2017.



# The University Alliance Ruhr – three universities, one community, endless opportunities

3

Universities

TU Dortmund University  
Ruhr-University Bochum  
University of Duisburg-Essen

120,000

students in around  
500 degree programs

1,300

professors including  
approx. 100 junior professorships

16,000

graduates per year

€1.4 billion

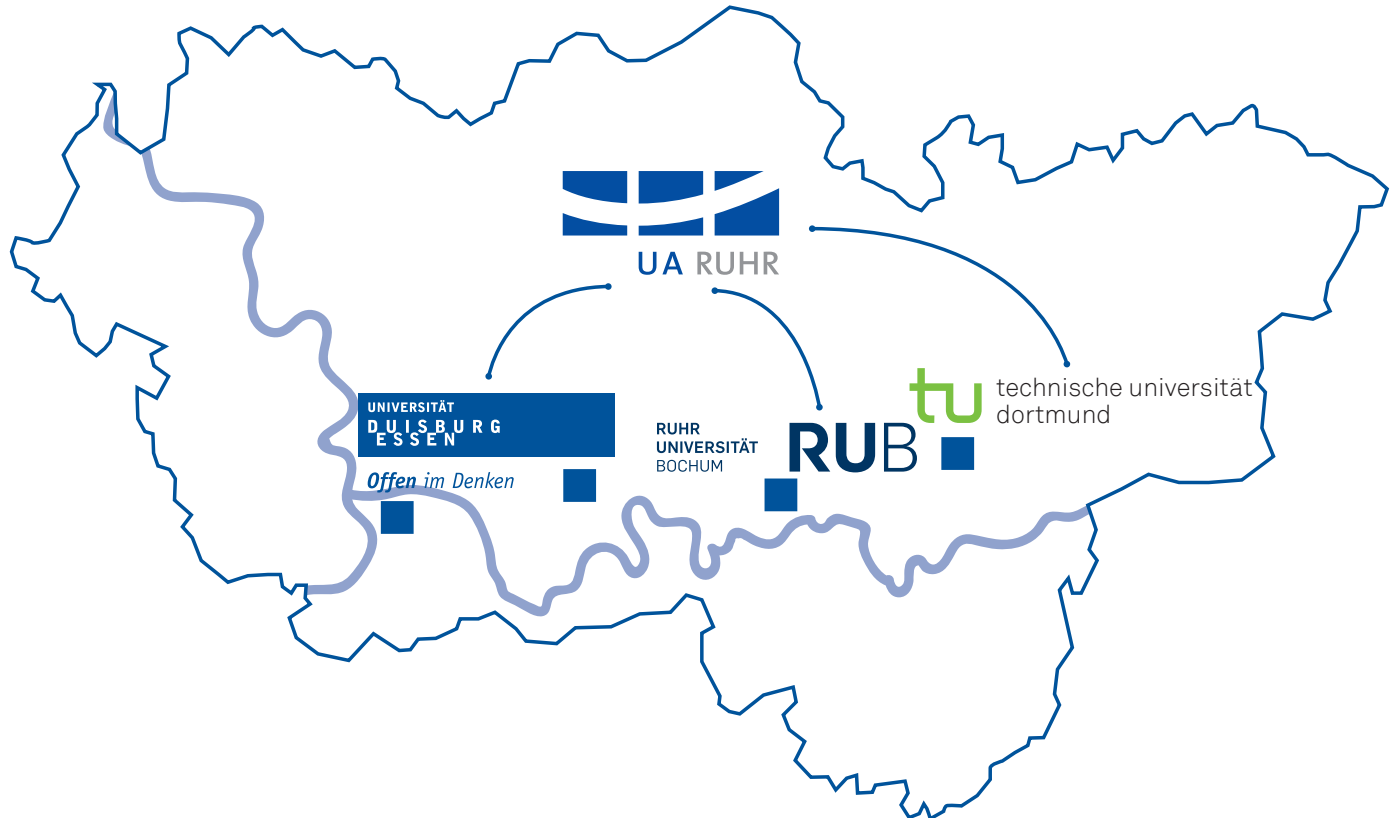
total budget

€300 million

external funding

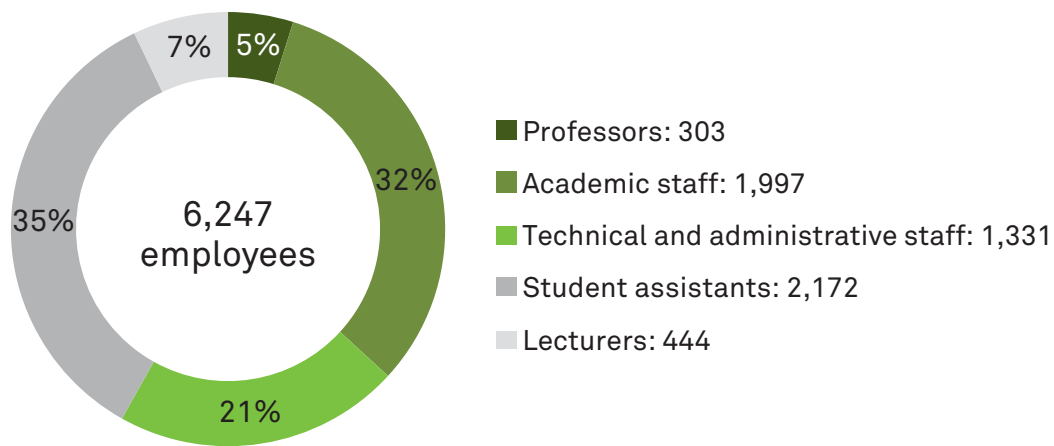
200

joint research projects  
funded by MERCUR



Since 2007, TU Dortmund University has been collaborating closely and strategically with Ruhr-University Bochum and the University of Duisburg-Essen in the University Alliance Ruhr (UA Ruhr).

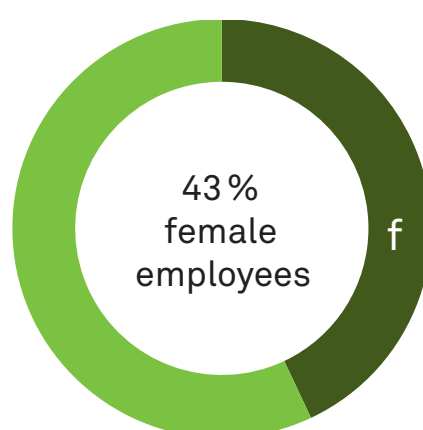
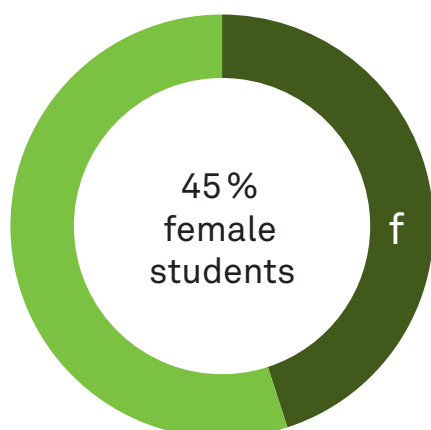
## Persons working at TU Dortmund University



More than 6,200 people work at TU Dortmund University, including around 300 professors. TU Dortmund University is thus one of the biggest employers of the city.

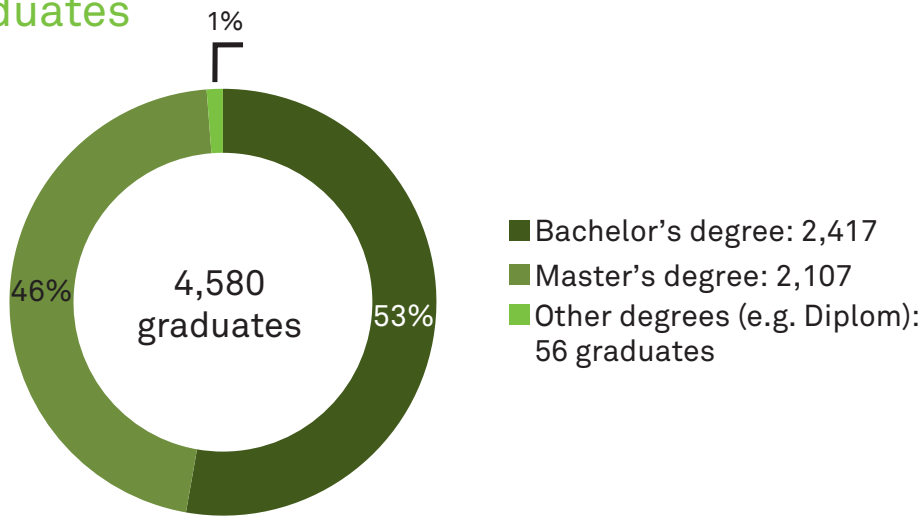
## Gender equality

TU Dortmund University is well positioned in terms of gender equality. Already in 2013, the German Research Foundation (DFG) ranked the university's research-oriented gender equality standards in the top category. The proportion of women shall be further increased according to the cascade model.



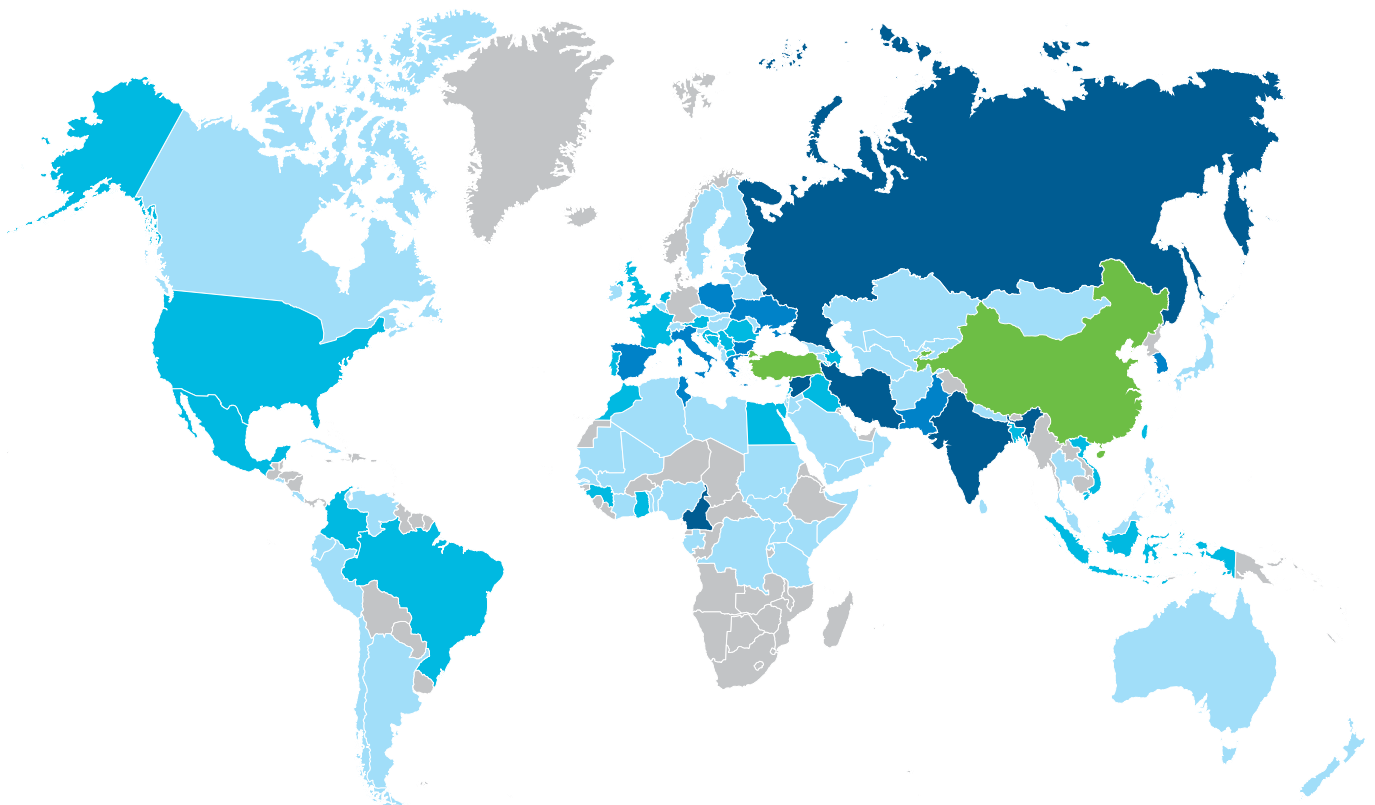


## Graduates

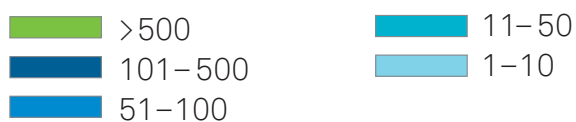


At TU Dortmund University approx. 4,600 students completed a degree in the examination year 2017, among them about 2,400 bachelor's and 2,100 master's degrees.

## International students

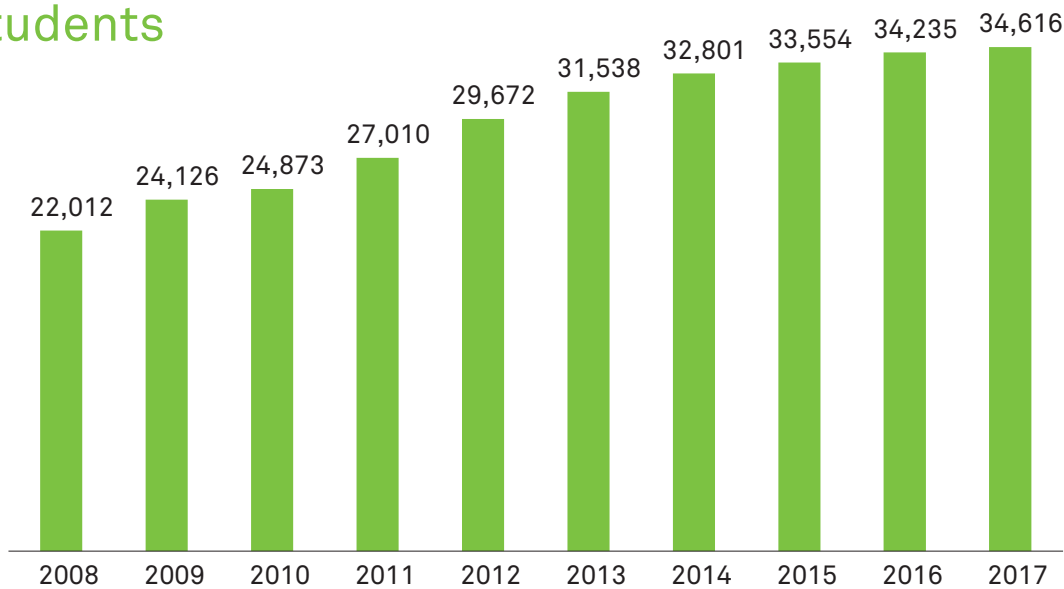


International students per country of origin



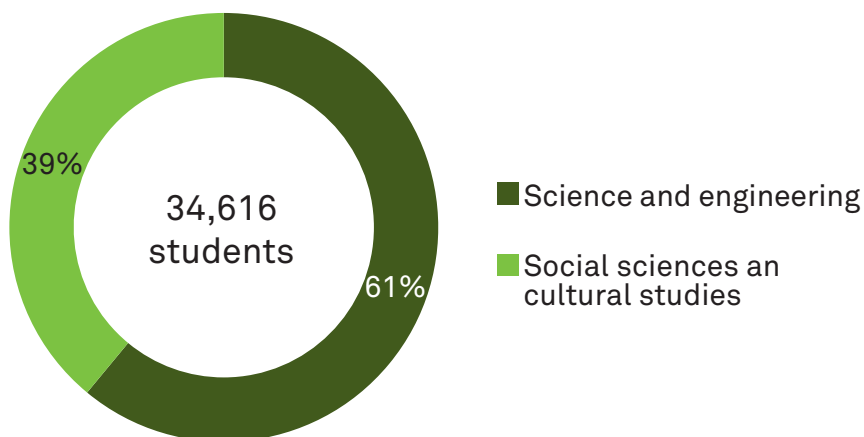
Around 11% of the students come from outside Germany. They represent approximately 110 different countries.

## Students



As of the winter semester 2017/2018, more than 34,600 students were enrolled at TU Dortmund University, including around 6,600 new students. The number of students has been increasing steadily for years: since 2008 there has been an increase of 57 percent.

## Spectrum of subjects



Around 60 percent of the students are enrolled in the various science and engineering programs, and around 40 percent in the cultural studies and social sciences programs. Almost a quarter of them are studying to become teachers.



## Timeline

TU Dortmund University is celebrating its 50th anniversary in 2018. This timeline highlights important milestones in the university's history: from the founding of the Association of Friends, the integration of the Ruhr Teacher Training College to the renaming of the university.



Photo: Stiftung Westfälisches Wirtschaftsarchiv N 35, Nr. 23

1958

The Association of Friends is founded to advocate the establishment of a technical university in Dortmund.



1968

The University of Dortmund is inaugurated on December 16th in the presence of the German Federal President Lübke in a ceremony in the Dortmund Opera House.



1974

All eleven faculties of the University of Dortmund have begun their teaching activities. Construction is underway for the North Campus.



1980

The Ruhr Teacher Training College is integrated into the University of Dortmund, doubling the number of students to around 15,000.



1984

The H-Bahn (suspension railway) begins operation and connects the North Campus with the South Campus.



1994

The Auditorium Maximum, or Audimax for short, is opened. The university now has more than 25,000 students.



2007

The Senate decides to rename the university. German name: Technische Universität Dortmund. English name: TU Dortmund University.



2010

The University Floor in the Dortmunder U is opened in the year of the European Capital of Culture RUHR.2010. It forms the City Campus.



2018

Celebration of the 50th anniversary of TU Dortmund University with a colorful anniversary program and a ceremony in the Dortmund Concert House.

