

# Data & Facts

Fall 2020



# TU Dortmund University

## A University with a Unique Profile

Since its founding 52 years ago, TU Dortmund University has developed a special profile, encompassing 17 faculties ranging from science and engineering to social sciences and cultural studies. The university currently has circa 34,300 students and 6,500 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 Educational Sciences and Psychology

Faculty of Rehabilitation Sciences

Faculty of Human Sciences and Theology

Faculty of Cultural Studies

Faculty of Arts and Sports Sciences

Faculty of Social Sciences



## Central Scientific Institutions

Center for Teacher Training (DoKoLL)

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)

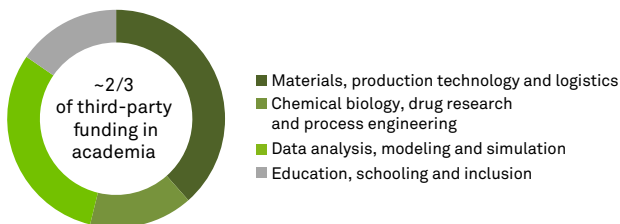
Research Institute for Regional and Urban Development (ILS)

INVITE GmbH



## 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 approximately two thirds of the external funding.



### 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.

### 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.

### 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.

### 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.

## Excellence Strategy

Excellence Cluster RESOLV, Ruhr Explores Solvation, together with 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

CRC/Transregio 188: Damage controlled forming processes

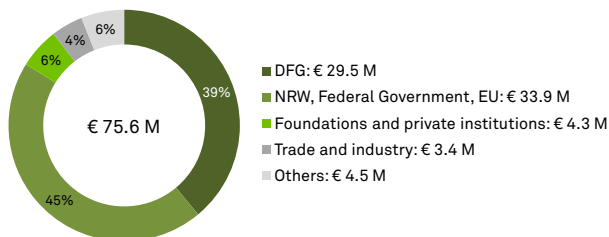
Participation in CRC/Transregio 63 together with TU Berlin and University of Magdeburg: Integrated chemical processes in liquid multiphase systems – InPROMPT

Participation in CRC/Transregio 73 together with FAU Erlangen-Nürnberg and Leibniz University 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

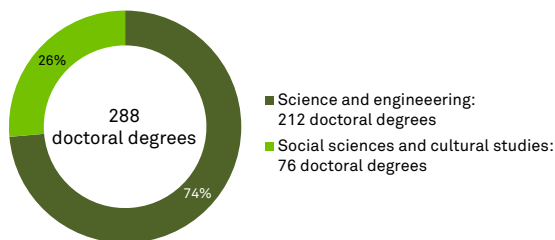


## Third-Party Funding



For 2019, the third-party expenditures of TU Dortmund University amounted to approximately € 76 million, more than four fifths of which were from public funds.

## Doctoral Degrees



Many young researchers earn their doctorates at TU Dortmund University: 288 doctorates were awarded in the calendar year 2019.



# The University Alliance Ruhr – Three Universities, One Community, Endless Opportunities

3

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

120,000

students in around  
500 degree programs

1,300

professors

15,000

graduates per year

€1.5 billion

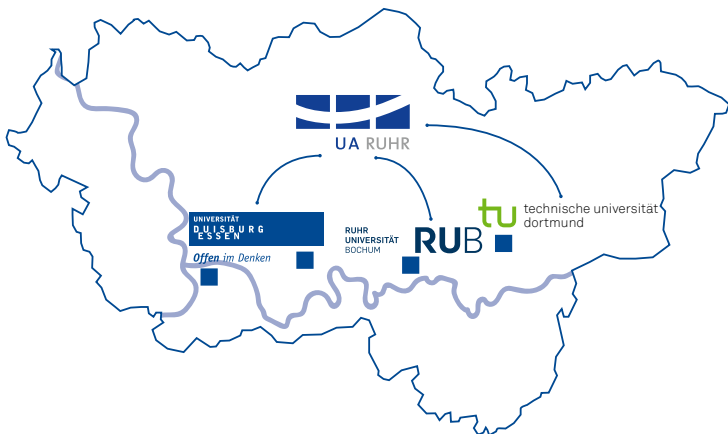
total budget

€330 million

external funding

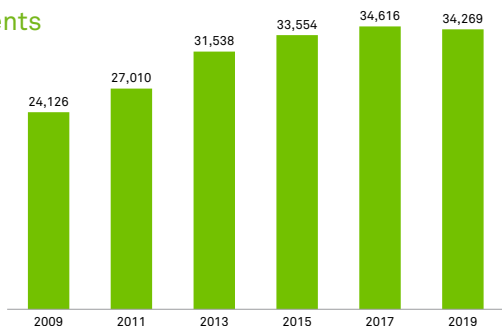
240

joint research projects  
funded by MERCUR since 2010



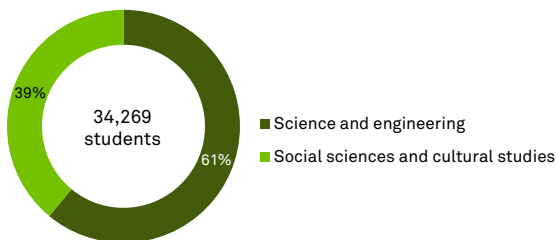
Since 2007, TU Dortmund University has been collaborating closely and strategically with Ruhr-Universität Bochum and the University of Duisburg-Essen in the University Alliance Ruhr (UA Ruhr).

## Students



As of the winter semester 2019/2020, approximately 34,300 students were enrolled at TU Dortmund University, including around 6,100 new students. The number of students has risen continuously for many years and is currently stable at a high level.

## Spectrum of Subjects

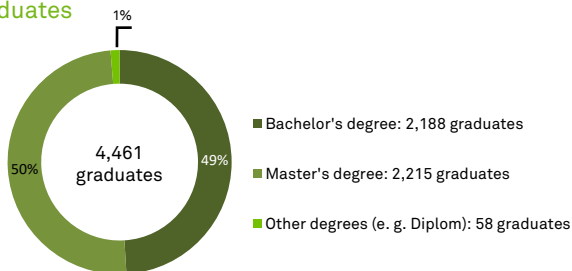


Around 60 percent of the students are enrolled in the various science and engineering programs, and around 40 percent in the cultural studies and social sciences programs. One fifth of them are studying to become teachers.



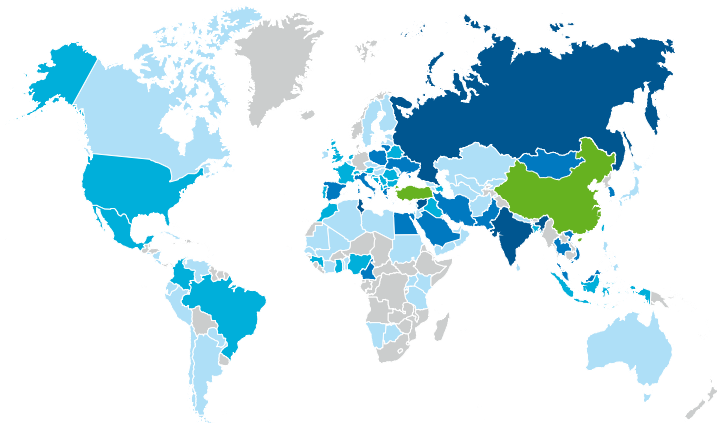


## Graduates



At TU Dortmund University approx. 4,500 students completed a degree in the examination year 2019, among them about 2,200 bachelor's and master's degrees each.

## International Students

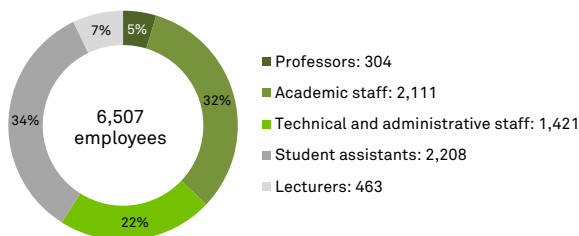


International students per country of origin



Around 12 percent of the students come from outside Germany. They represent approximately 110 different countries.

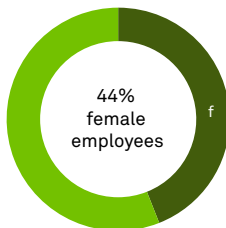
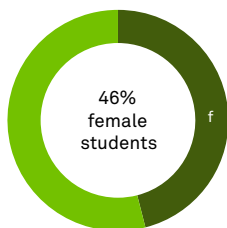
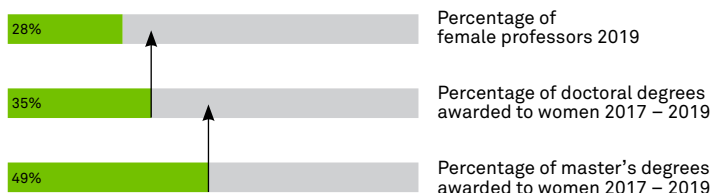
## Persons Working at TU Dortmund University



More than 6,500 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 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.



## Timeline

TU Dortmund University celebrated 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.

