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
- Chemical biology, drug research and process engineering
- Data analysis, modeling and simulation
- Education, schooling and inclusion

~2/3 of third-party funding in academia

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.
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).
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.
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

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

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.