TU Dortmund University:  
A university with a unique profile

Since its founding 49 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 34,200 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
Federal Institute for Occupational Safety and Health (BAuA)
Fraunhofer Institute for Material Flow and Logistics (IML)
Fraunhofer Institute for Software and Systems Engineering (ISST)
Research Institute for Regional and Urban Development (ILS)
INVITE GmbH
LogistikCampus
Max Planck Institute of Molecular Physiology (MPI)
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.

- Production and logistics
- Chemical biology und biotechnology
- Modeling, simulation and optimization of complex processes and systems
- Youth, school and education research

Youth, school and education research

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.

Production 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.

Modeling, simulation and optimization of complex processes and systems

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 and biotechnology

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
TRR 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
For 2016, the third-party expenditures of TU Dortmund University amounted to €66 million, three quarters of which were from public funds.

Many young researchers earn their doctorates at TU Dortmund University: 260 doctorates were awarded in the calendar year 2016.
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).
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 with regard to gender equality: In its review of the university's implementation of the research-oriented standards on gender equality in 2013, the German Research Foundation placed TU Dortmund University in the highest category. The percentage of women shall be increased further according to the cascade model.
At TU Dortmund University approx. 4,500 students completed a degree in the examination year 2016, among them about 2,400 bachelor’s and 2,000 master’s degrees.

Around 11% of the students come from outside Germany. They represent approximately 120 different countries.
As of the winter semester 2016/2017, more than 34,200 students were enrolled at TU Dortmund University, including around 6,400 new students. The number of students has been increasing steadily for years: since 2008 there has been an increase of 55 percent.

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.
North campus

1a. Mathematics, rehabilitation sciences (pav. 10: EF 73)
1b. Hall for fluid-energy machinery (EF 71b)
1c. Office of occupational, environmental and health protection (EF 71a)
2. Control room, block-type thermal power station (EF 71c)
3. Dept. 6 – THB (EF 71)
4. Dept. 4: student services, international office, zhb (EF 61)
4a. International meeting center (IBZ) (EF 59)
5. Hall of mechanical engineering (LE 1)
6. Biochemical and chemical engineering, mechanical engineering, electrical engineering and information technology, office of equal opportunity, family and diversity, gender equality office, disabled staff representative, university sports (EF 68/70)
6a. Scientific staff council, technical and administrative staff council, JAV, dept. 6.1 (EF 72)
7. Office of student affairs, student cafeteria (VP 85)
8. Education, psychology and sociology, rehabilitation sciences, human sciences and theology, cultural studies, arts and sports sciences, ITMC, ASTA, DoKoLL, zhb.dobus (EF 50)
9. University center, teaching editorial office journal (VP 74)
10. Physics – DELTA (MGM 2)
11a. Mechanical engineering I (LE 5)
11b. Mechanical engineering II (LE 2)
12. Chemistry and chemical biology, business and economics, electrical engineering, mechanical engineering, central copy center (OH 6)
13. Lecture hall building II (OH 4)
14. Audimax, mathematics, statistics, business and economics (VP 87)
15. Library (VP 76)
16. Statistics, Center for Higher Education (zhb), institute for school development research (IFS) (CDI building: VP 78)
17a|b Computer science (OH 16/OH14)
17c. ITMC, computer science (OH 12)
18. Electrical engineering and information technology (FWW 4)
19. Electrical engineering, institute of robotics research (OH 8)
20. Business and economics (pav. 11: OH 6a)
21a. Physics, electrical engineering and information technology, business and economics (OH 4)
21b. New building chemistry-physics (OH 4a)
22. Erich Brost Institute (OH 2)
23. Campus Treff (VP 120)
24. Arts and sports sciences, Fitnessförderwerk (OH 3)
25. Seminar building I (FWW 6)
26. Day care center HoKiDo (EF 57)
27. LogistikCampus (JF 2-4)
28. A1 - A3 Dept. 5, (MSW 12, 13, 16), business and economics (MSW 12)
29a. Test area HVDC (EF)
29b. Test center for High-Voltage Direct-Current Transmission (HGÜ), (under construction), (EF)

South campus

30. Spatial planning (GB III: AS 10)
31. Architecture and civil engineering (GB II: AS 8)
32. Spatial planning, architecture and civil engineering (GB I: AS 6)
33. Lecture halls, rectorate, chancellor, office of German and European education and university policy, office of data protection, committees, health insurance, internal audit (HG I: AS 4)
33a. Model-making workshop (AS 4a)
34. Dept. 2, dept. 5, office of controlling (WD 2)
35. Dept. 3 (AS 1)
36a. Mechanical engineering III (BS 303)
37. Experiment hall (BS 299)
38. Archeteria, student cafeteria (AS 2)
39. Office of university communications, office of university marketing (BS 285)
40. Office of research support services (BS 283)
41. Rudolf Chaudoire pavilion (BS 297)
42. Warehouse (BS 299)
42b. Experiment hall (under construction)
43. Dept. 3 (Pav. 8: WD 1)
44. Pav. 2a: WD 2a
45. Dörstelmann building, ASTA (Pav. 1: BS 322)
46. Pav. 7: BS 322
47. Helmut Keunecke building / guesthouse (BS 233)

Key

AS August-Schmidt-Straße
BS Baroper Straße
EF Emil-Figge-Straße
FWW Friedrich-Wöhler-Weg
JF Joseph-von-Fraunhofer-Straße
LE Leonhard-Euler-Straße
MGM Maria-Goeppert-Mayer-Straße
MSW Martin-Schmeißer-Weg
OH Otto-Hahn-Straße
VP Vogelpothsweg
WD Wilhelm-Dilthey-Straße
P Parking places
H H-Bahn (suspended monorail) stop
H Bus and railway stop
A1-A3 Rentals