



TU Dortmund – At a Glance

Dortmund, 7th June 2022

Our people & history

People at TU Dortmund University



- About 32,400 students (13% international)
- 316 professors
- 6,700 staff members

The road towards a new identity



- 1950s crisis of coal and steel industry in the Ruhr Area
- 1968 foundation of Dortmund University
- Since 2007 „TU Dortmund University“

Unique profile with 17 departments

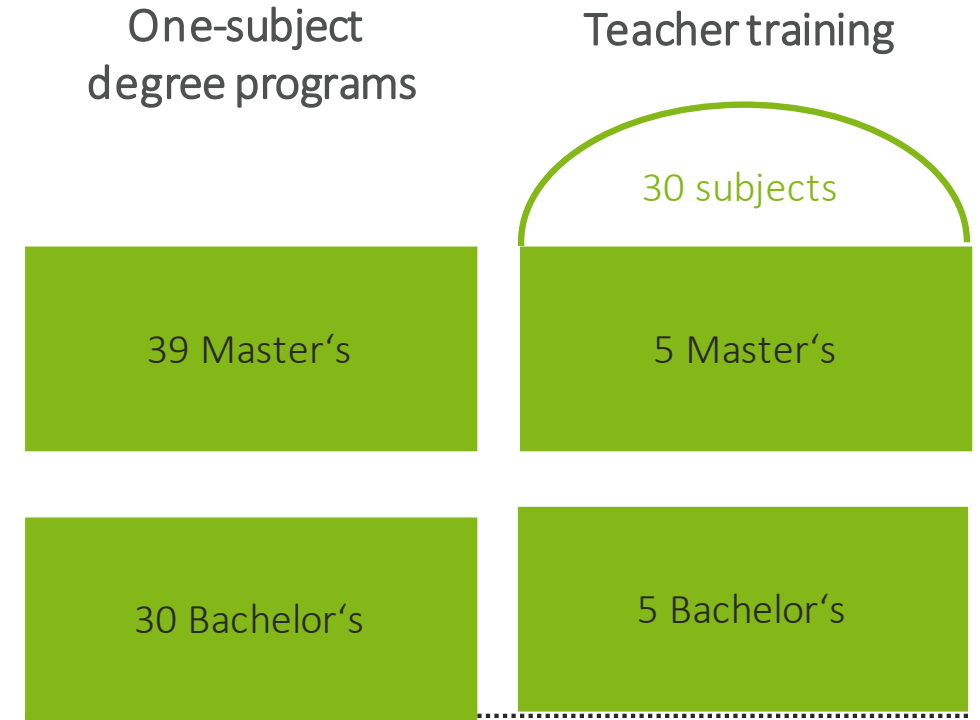
- 1 Mathematics
- 2 Physics
- 3 Chemistry and Chemical Biology
- 4 Computer Science
- 5 Statistics
- 6 Biochemical and Chemical Engineering
- 7 Mechanical Engineering
- 8 Electrical Engineering and Information Technology
- 9 Spatial Planning
- 10 Architecture and Civil Engineering
- 11 Business and Economics
- 12 Educational Sciences and Psychology
- 13 Rehabilitation Sciences
- 14 Human Sciences and Theology
- 15 Cultural Studies
- 16 Arts and Sports Sciences
- 17 Social Sciences

green = department with particular focus on international affairs

Spectrum of study programs: classic, innovative, unique

Broad spectrum:

- Approx. 80 study programs
- Teacher training program for all school forms, with around 30 subjects
- Traditional and innovative programs: from mechanical engineering to music journalism
- Possibility to obtain a doctoral degree in all subjects



Our international master & joint degree programs

English-taught master programs

Automation and Robotics
Chemical Engineering – Specialization “Process Systems Engineering”
Data Science
Econometrics
Manufacturing Technology (MMT)
Spatial Planning

Joint degree programs

Advanced Methods in Particle Physics (IMAPP)

SPRING - Regional Development Planning and Management



Joint degree with University of Bologna (Italy), the University of Clermont Auvergne (France)



Double degree with four partnering universities (growing economies)

Research: four highly visible profile areas

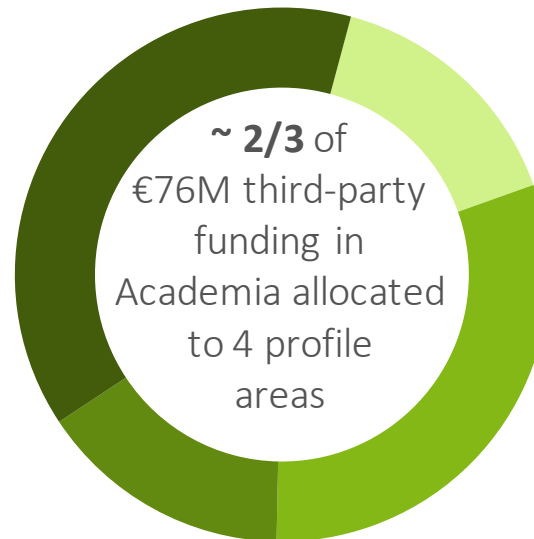
Materials, production technology and logistics

- Several CRCs and transregions
- DFG priority program
- BMBF leading-edge cluster
- EU projects

Chemical biology, drug research and process engineering

- Cluster of excellence
- DFG research group
- Participation in CRC
- Drug Discovery Hub
- EU projects

Total spending amounts to **€361M**, of which **€76M** third-party funding



Education, schooling und inclusion

- BMBF projects
- Several large-scale studies
- Dortmund Profile for Inclusion-Oriented Teacher Training (DoProfil)

Data analysis, modeling and simulation

- Several CRCs and transregions
- DFG priority program, PhD programs
- BMBF projects
- Competence Center Machine Learning Rhine-Ruhr (ML2R)

Regional impact: Start-Ups from science

Start-Up University



- Center for Entrepreneurship & Transfer (CET)
- Excellence Start-Up Center.NRW
- 140 spin-offs from TU Dortmund University since 2007, of which approx. 80 percent in Dortmund

TechnologieZentrum Dortmund



- Largest technology park in Germany – fifth largest in Europe
- Over 300 companies with around 13,000 employees in proximity to the university
- TU Dortmund University is co-partner

iCapital Award 2021: Dortmund is European Capital of innovation

Dortmund's model: Innovation Next Door

- Innovation model based on collective innovation, inclusion, diversity
- Project contributions come from the entire innovation network in Dortmund (municipal and civic initiatives, science and business landscape)
- Website where citizens are invited to discover innovations in their neighbourhoods and to share what makes Dortmund innovative for them
- Dortmund as winner awarded with €1,000,000



Internationalization at TU Dortmund

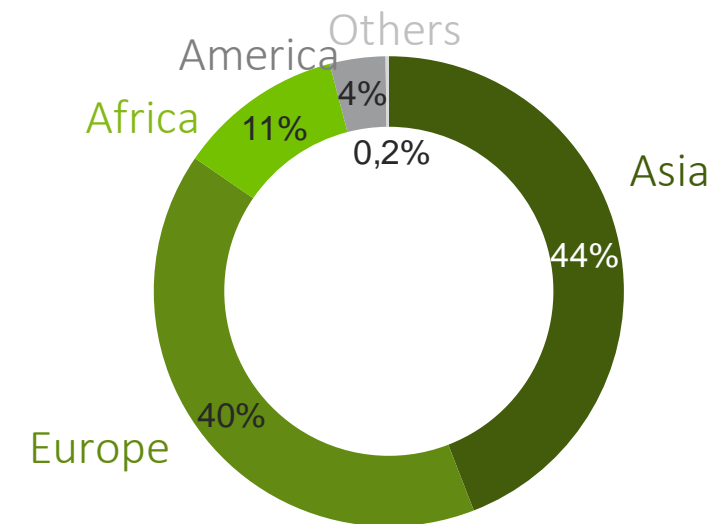
Our networks

- Many official university partnerships worldwide
- More than 500 outgoing and 400 incoming Erasmus students per year
- UA-Ruhr offices in Eastern Europe and New York



Welcoming students from all continents

- 13% international students from 110 countries
- Cooperation and exchange agreements with universities worldwide
- Comprehensive advisory and support program
- International meeting center: Internationalization at home



Our cooperations with universities in Türkiye

Amasya	Amasya Üniversitesi	Spatial Planning
Ankara	Hacettepe Üniversitesi, Bilkent Üniversitesi, Orta Dogu Teknik Üniversitesi	Linguistics, Computer Science, Statistics, Spatial Planning
Antalya	Akdeniz Üniversitesi	German Language and Literature, Educational Sciences
Burdur	Mehmet Akif Ersoy Üniversitesi	Educational Sciences
Bursa	Uludag Üniversitesi	Architecture and Civil Engineering
Diyarbakir	Dicle Üniversitesi	Educational Sciences
Gaziantep	Gaziantep Üniversitesi	Architecture and Civil Engineering
Istanbul	Istanbul Teknik Üniversitesi, Mimar Sinan Guzel Sanatlar Üniversitesi, Istanbul Kültür Üniversitesi, Bogaziçi Üniversitesi, Yildiz Teknik Üniversitesi, Marmara Üniversitesi, University of Health Sciences in Istanbul, Istanbul Bilgi Üniversitesi, Sabanci Üniversitesi, Istanbul Medeniyet University	Architecture and Civil Engineering, Arts, Bio-chemical and Chemical Engineering, Electrical Engineering and Information Technology, Physics, Spatial Planning, Economics, Educational Sciences, Journalism
Izmir	Ege Üniversitesi, Dokuz Eylül Üniversitesi	Statistics, Chemistry, Educational Sciences, Economics, Linguistics
Kirikkale	Kirikkale Üniversitesi	Sports Sciences

**Over 600 students
with Turkish
nationality
currently enrolled
at TU Dortmund
University**

Mathematics	13
Physics	20
Chemistry and Chemical Biology	17
Computer Science	73
Statistics	25
Biochemical and Chemical Engineering	26
Mechanical Engineering	148
Electrical Engineering and Information Technology	25
Spatial Planning	12
Architecture and Civil Engineering	52
Business and Economics	79
Educational Sciences and Psychology	62
Rehabilitation Sciences	11
Human Sciences and Theology	2
Cultural Studies	52
Arts and Sports Sciences	3
Social Sciences	8
	628



Thank you.