

we
focus
on
students

Fachhochschule Dortmund

University of Applied Sciences and Arts

General Information about the University

Deputy Professor for
International Project Management
&
Course Director of
International Business Bachelor
at Business Faculty

About me

EDUCATION:

2001-2010 Kiew National University for Construction and Architecture:

B.Sc. Construction Management

M.Sc. Project and Programme Management

Dr. Sc. Project and Programme Management

2016-2018

M.A. IT Project Management

WORKING EXPERIENCE:

2020-today

Deputy professor

2019-today

PMI Cologne Vice President Agility

2018-2020

CGI IT project manager

2016-2019

FH Dortmund Euro MPM part-time lecturer

2015-2018

FH Dortmund:

project manager in R&D projects

PhD research

2008-2015

Project manager:

Project development (Ukraine)

Management consulting (former USSR, Asia, EU)

CERTIFICATES:

IPMA D, Prince 2 Foundation, Scrum Master, ITILv4,
Scrum Product Owner, SAFe Agilist, SAFe Product Owner,
SAFe DevOps



Where is Dortmund University of Applied Sciences and Arts?

Dortmund is the heart of the German state „**North-Rhine-Westfalia (NRW)**“, the biggest state of Germany:

- ~ 18 Mio citizens
- ~ 630 Bn EUR GDP

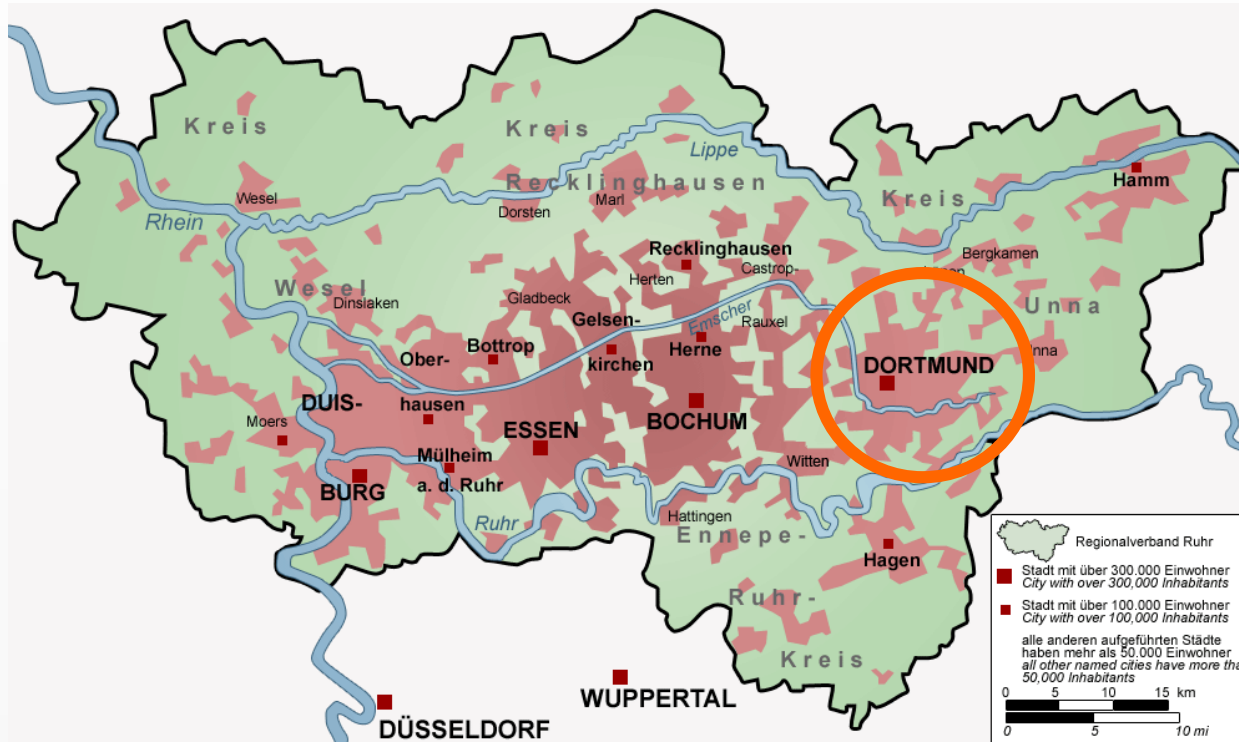


Dortmund:
~ 580,000 citizens
Nr. 8 in Germany



Where is Dortmund University of Applied Sciences and Arts?

Ruhr Valley – one of the 5 biggest European metropolitan regions, the former industrial heartland of Germany



~ 6 Mio citizens
~ 150 Bn EUR GDP

Major Industries:

- Energy
- Chemical
- Mobility
- Automation
- Mechanical Engin.
- IT

Dense Science &
University system:

> 250,000 students
> 20 universities

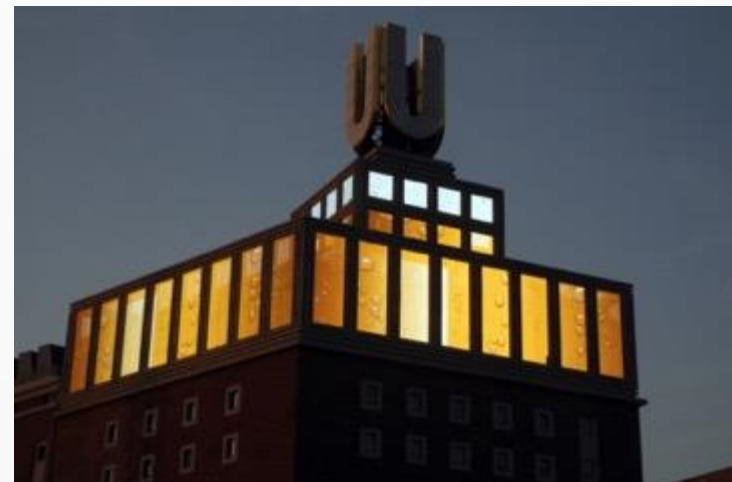
Dortmund and its Higher Education Institutions (HEI)

Dortmund is the home of 580,000 citizens (Nr. 8 in Germany):

- used to be a steel worker's city
- used to be the biggest brewery city
- world class soccer team

Today, it is a **Science & IT city**:

- Technical University (TU) Dortmund: 33,000 students
- 2 Fraunhofer Institutes, 1 Max Planck Institute, "Spitzencluster"
- **Fachhochschule (FH) Dortmund: 13,500 students**
- FH Dortmund: **biggest FH in Ruhr Valley**, amongst 10 biggest in Germany
- Computer Science faculty (3,000) and Mechanical Engineering faculty (2,000) are biggest in Germany (at FH)





More than 13,500 students
~ 1.500 international students
~ 1,000 staff
~ 400 teaching staff and lecturers

7 Faculties
~ 50 Bachelor/Master Programmes
English Language Programmes:

- International Business (Bachelor)
- European Master in Project Management (Master)
- Embedded Systems (Master)

7 Faculties (~stud's)

- Architecture (~1,000)
- Design (~1,500)
- Information Technology & Electrical Engineering (2,000)
- Mechanical Engineering (~2,000)
- Computer Science (~3,000)
- Applied Social Sciences (~2,000)
- Business Administration (~2,500)

7 Research Centres

- Medical Computing
- Mobile Business - Mobile Systems
- Information & Communication Technology
- Computer Simulation
- Process Improvement for Mechatronics and Embedded Systems (PIMES)
- Intelligent Business Information Services (iBIS)
- Biomedical Technology

What is a „Fachhochschule“?

- "Fachhochschulen" are **part of the Higher Education System in Germany** as well as in its neighboring countries Austria and Switzerland
- In Germany, it's an **academic institution**, offering **academic bachelor's and master's degrees**
- University of Applied Sciences and Arts: FH Dortmund is full member of **European University Association (EUA)**
- All degrees are accredited according to **European Qualification Framework (EQF)** – high quality university education
- FH Dortmund puts the focus on the **transfer of scientific findings into application** – via R&D projects and (priority) via student's education
- Education is more practical than theoretical – **close to society and industry**
- R&D is mainly on higher technology readiness levels (TRL 6-8) – **close to products and solutions**
- Strong cooperation with society and industry in both science and education
- Option for PhD via joint Graduate Institute NRW (with other FHs)

What are Key Success Factors of a „Fachhochschule“?

- Bachelor's are **ready for industry and job**, excellent employability
- Master's are **high competence specialists**, capable to implement and execute leading edge projects successfully
- Students, scientific staff and professors are in close cooperation with industry and society => “real” **transdisciplinarity**, less ivory tower
- Less focus on scientific findings, hence less focus on scientific publications, basic research and theory. But close **cooperation with classical universities and scientific community**, e.g. via “cooperative” PhD
- Strong involvement of practitioners, practical elements (internships, projects, labs) embedded into the curricula => students on all levels are **“hand's on”**
- **Non-traditional students**: coming from vocational education system, being on-the-job while studying, demand for part-time/online/blended learning, elements from their work life embedded into their studies (e.g. via projects)
- Bachelor's offer solid education in one academic domains (e.g. engineering, business), Master's are **interdisciplinary and oriented to real world problems**

Semester	Module Name	hours	ECTS
1	A: Concepts and Phases	4	6
	B: Planning and Risk Management	4	6
	C: Project Economics & Control	4	6
	D: Teams and Organization	4	6
	E: Quality Management	4	6
2	F: Communication&Conflict Mgmt	4	6
	G: Information, Knowledge, Creativity	4	6
	H: Project Finance, Procurement	4	6
	I: Change Management & Program	4	6
	J: Social Competencies & SHE	4	6
3	Information Supply Chain	4	6
	Special Methods and Tools	4	6
	Research Project (thesis)		18
4	Master Thesis		30

European
Master in
Project
Management
(EuroMPM)



100% in English

**2016: Winner of state competition (MIWF NRW)
FH Kompetenz => 1 Mio. EUR**



Institute for the **Digitalization** of Application Domains and Living Environments

IDiAL – Institute for Applied Research at FH Dortmund

- Covers complete technology chain from embedded systems – via full internet of things (IoT) stack – to smart services
- 10 professors, 15 PhD students, 40 research staff
- All projects with companies, both large multinationals and SMEs
- Tool Development: Eclipse member, results distributed as open source
- User Innovation Center: users as co-producers
- Industry 4.0: logistics, robots, machine2machine (M2M)
- Member of European Consortia in ITEA, mainly automotive software
- Four successful spin off companies
- Main driver of Master Embedded Systems for Mechatronics

Christmas in
Dortmund



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