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Delft University of Technology

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Delft University of Technology at a glance

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Education	#
Bachelorprogrammes	16
Masterprogrammes	32
Student population	23,461
PhD students	2,799
First year students	5,519
Master degrees (2016)	3,137

Research	#
Professors (fte)	253
Publications (scientific & professional)	6,317
Promotions	359

Valorisation	#
Techno startups	23
Patents in Portfolio	215

Personnel *	fte	headcount
Scientific staff	3,063	3,448
Professional services	2,087	2,385

Diversity *	fte/#	%
International scientific staff fte	1,653	54%
Female scientific staff fte	772	25%
International full professors fte	64	25%
Female full professors fte	36	14%
International students #	4,633	20%
Female students #	6,389	27%

Finances	M €
Equity	383.1
First income stream	438
Second income stream	45.5
Third income stream	139.2

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History of the University

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1842-1864:
Royal Academy

1905-1986:
Institute of Technology

1842-1864 | 1864-1905 | 1905-1986 | 1986-present

1864-1905:
Polytechnic School

1986-present:
Delft University
of Technology

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Faculties

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- Aerospace Engineering (AE)
- Applied Sciences (AS)
- Architecture and the Built Environment (ABE)
- Civil engineering and Geosciences (CEG)
- Electrical Engineering, Mathematics and Computer Science (EEMCS)
- Industrial Design Engineering (IDE)
- Mechanical, Maritime and Materials Engineering (3mE)
- Technology, Policy and Management (TPM)

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Education and Students

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- 16 BSc programmes
- 33 MSc programmes

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Bachelor's

- Aerospace Engineering
- Applied Earth Sciences
- Applied Mathematics
- Applied Physics
- Architecture, Urbanism & Building Sciences
- Civil Engineering
- Clinical Technology (joint degree)
- Computer Science and Engineering
- Electrical Engineering
- Industrial Design
- Life Science and Technology (joint degree)
- Marine Technology
- Mechanical Engineering
- Molecular Science and Technology (joint degree)
- Nanobiology (joint degree)
- Systems Engineering, Policy Analysis & Management

Master's

- Aerospace Engineering
- Applied Earth Sciences
- Applied Mathematics
- Applied Physics
- Architecture, Urbanism & Building Sciences
- Biomedical Engineering
- Chemical Engineering
- Civil Engineering
- Complex Systems Engineering and Management
- Computer Engineering
- Computer Science
- Construction Management and Engineering

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Delft Research-Based Initiatives

The Initiatives engage with societal and industrial partners, and highlight innovative science, engineering and design, stimulating multidisciplinary research.

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	Energy	Deltas, Infrastructures & Mobility	Health	Global
				
Objective	Energy innovation for sustainable energy provision	Vital Infrastructures for Water Safety and Smart Mobility	Technological research for medical and health care innovations	Science and Technology for Global Development
Research themes	Wind and solar energy Smart energy networks (Chemical) storage Energy efficiency in design, industry and the built environment Geo-energy/heat	Urban infrastructures Airport of the future Urbanising Delta's	Medical imaging & Image guided medicine Interventions & Care Targeted molecular technology Vitality	Water Urbanisation Healthcare Energy Disaster resilience and response

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Research Facilities

Civil Engineering and Geosciences

- Cloud Lab
- Geodesy/GNSS Lab
- DiTT-Lab
- Smart Vehicle Lab
- Research Lab Automated Driving
- Drones for Traffic and Geological Research
- CT Scanner
- High Pressure & Temperature Facilities
- Geo-technical Centrifuge
- Macro Lab
- Micro Lab
- Biohazard 1 Wastewater Treatment Lab (ML1 lab)
- Water Engineering Experimental and Analytical Lab (e.g. GC, IC, HPLC, Water Isotopes)
- Flooms for Waves, Currents and Sediment Transport
- Jetski Mobile Platform for Coastal Fieldwork

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Applied Sciences
- Chemical Labs
- Fermentation Labs
- Molecular biology Labs
- Bioprocess Pilot Facility
- Imaging Facility
- Advanced Imaging Labs
- Laser Labs
- Cleanrooms
- Nuclear Research Reactor, incl. Neutron and Positron Beam-line Instruments and Irradiation Facilities

Aerospace Engineering
- Aeroplane Hangar
- Cessna Citation II Jet Aircraft
- Cleanroom for Satellite Building
- Flight Arena ‘Cyberzoo’
- Flight Simulator Simona
- Kite Laboratory
- Micro Air Vehicle Laboratory
- Propulsion Lab
- Structures & Materials Lab
- Wind Tunnels (Low and High Speed Tunnels)

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Mechanical, Maritime and Material Engineering

- Cleanroom for Micro/Nano Engineering Lab
- Driving and Racing Simulator Labs
- Fluid Mechanics Lab
- Graphene and Thin Film Deposition Lab
- Materials Lab
- Mechatronics Lab
- Perfect Reactors Lab
- Process Technology Lab
- Robotics Lab
- Flume Tank and 2 Towing Tanks
- Delft Lab for Neuromuscular Control
- AGV-Lab
- Optics Lab
- Fuel Cell Lab
- Hexamove/-pod
- Cavitation Tunnel

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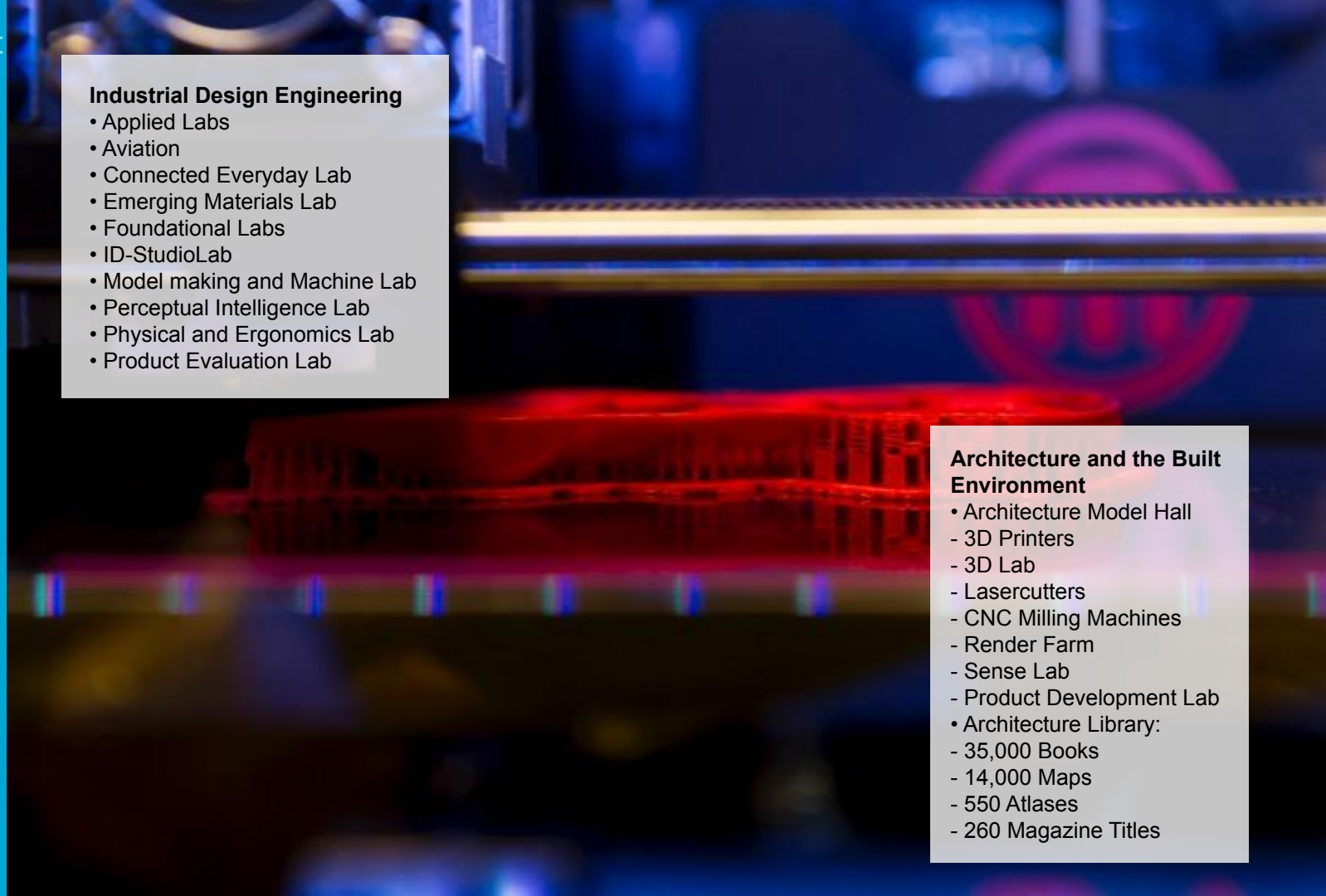

Industrial Design Engineering
- Applied Labs
- Aviation
- Connected Everyday Lab
- Emerging Materials Lab
- Foundational Labs
- ID-StudioLab
- Model making and Machine Lab
- Perceptual Intelligence Lab
- Physical and Ergonomics Lab
- Product Evaluation Lab

Architecture and the Built Environment
- Architecture Model Hall
  - 3D Printers
  - 3D Lab
  - Lasercutters
  - CNC Milling Machines
  - Render Farm
  - Sense Lab
  - Product Development Lab
- Architecture Library:
  - 35,000 Books
  - 14,000 Maps
  - 550 Atlases
  - 260 Magazine Titles

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TU Delft Experimental locations*

Fieldlabs	Valorisatieprogramme Deltatechnologie & Water (VPdelta)	Programme that creates fieldlabs where start-ups, scale-ups, SMEs, students and scientists test, improve and demonstrate concepts
	RoboHouse	Smart Industry Fieldlab for Advanced Cognitive Robotics Applications
	Proeftuin op de Noordzee	Offshore test site for the maritime sector
	Fieldlab Unmannend Valley Valkenburg	Test Center for Unmanned Innovation
	SAM|XL - Composite Automation Development Centre (CADC)	A programme to build, use and grow a Fieldlab for smart composite manufac-turing technologies
Living Labs	Medical Delta Living Labs	Real-life experimental environments for the health care sector
	Amsterdam Institute for Advanced Metropolitain Solutions (AMS institute)	Institute that uses the city of Amsterdam as a living lab for integrated metropolitain solutions
	The Green Village	Living Lab for the accel-eration of sustainable innovations

* TU Delft Research Labs not included

Technology, Policy and Management
- Policy Analysis Simulation Lab
- Serious Game

Electrical Engineering, Mathematics and Computer Science
- Else Kooi Lab, Cleanroom for Microsystems
- Electrical Sustainable Power Lab
- INSYGHTLab for Computer Vision, Interactive Intelligence and Visualisation
- Radar Labs with PARSAX and MECEWI Radars and the Radar Facilities TARA and IDRA
- DUCAT Antenna Measurement Chamber
- Photovoltaics Laboratory
- Tellegen Hall

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Rankings

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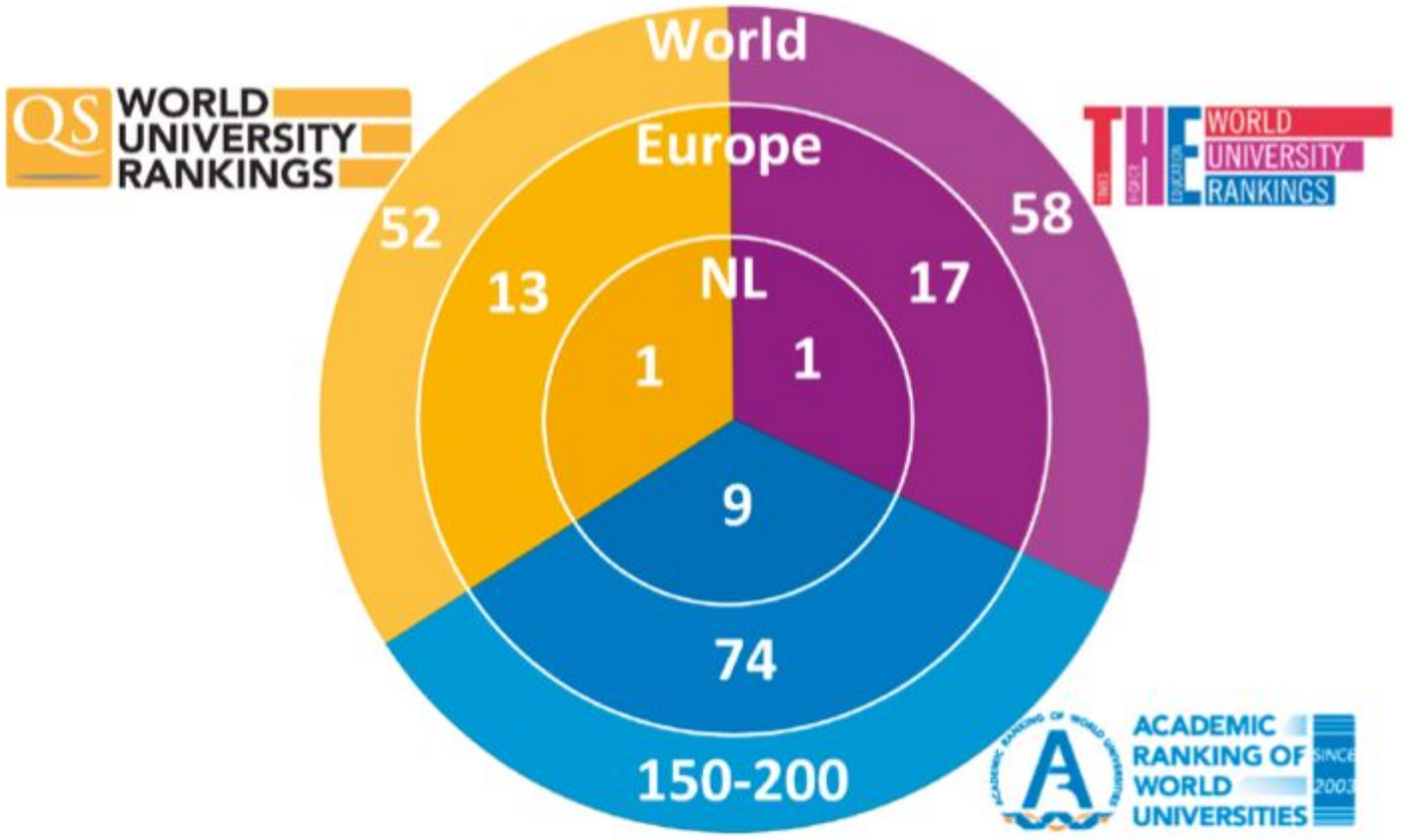
Position TU Delft in World University Rankings



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TU Delft in various rankings

Ranking organisation	Edition	Focus			
Times Higher Education	2018	Reputation ranking top 100	51-60	12	1
Times Higher Education	2018	Most international universities in the world top 200	18	13	1
Times Higher Education	2017	Global University Employability Ranking	69	28	1
Reuters	2018	Top 100 Most Innovative Universities	12	12	1
QS	2019	Graduate Employability Ranking	41	10	1
CWTS Leiden Ranking	2018	Industry collaboration	19	11	2
CWTS Leiden Ranking	2018	PP top 1 % in All Sciences	34	11	1
CWTS Leiden Ranking	2018	PP top 10% in All Sciences	83	28	5
CWTS Leiden Ranking	2018	PP top 50% in All Sciences	86	34	10
Universitas Indonesia	2017	UI Green Metric	22	16	3

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