The Big Picture in Figures

June 2022
RWTH Aachen University  I  Department 6.0 Planning, Development and Controlling
RWTH Aachen University
The Big Picture in Figures

47,269 Students in Total

13,354 International Students

9,650 New Enrolments

7,344 Graduates

553 Professors

10,249 Staff (Full-Time Equivalent)

1.108 Financial Vol. Total Budget in Billion €

9,434 Publications
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Students in WS 2021/22

WS 2021/22:
47,269 Students in Total

RWTH is the 4th largest university in Germany.*

* Statistisches Bundesamt (Destatis), Studierende an allen Hochschulen, Fachserie 11 Reihe 4.1, Released on 05.08.2021.
Development of the Number of Students

The number of students increased by 32% between WS 2011/12 and WS 2021/22.

WS 2011/12:
35,813 Students in Total

WS 2021/22:
47,269 Students in Total

The number of students increased by 32% between WS 2011/12 and WS 2021/22.
Catchment Area of Students in WS 2021/22

- Statistically spoken one in five inhabitants of Aachen is a student at RWTH.*
- 34,124 of RWTH students are between 20 and 29 years old. This equivalent to 57% of all Aachen inhabitants in this age group.*
- Every 10. student at a (not-distance-learning) university in NRW studies at RWTH.**

47,269 Students in Total

** Statistisches Bundesamt (Destatis), Studierende an allen Hochschulen, Fachserie 11 Reihe 4.1, Released on 05.08.2021.
Students by Degree in WS 2021/22

- 24,709 (53%) Bachelor
- 14,290 (30%) Master
- 2,447 (5%) State Examination (Medicine)
- 1,897 (4%) Education
- 3,412 (7%) Doctoral Degree
- 514 (1%) Diplom/Other

47,269 Students in Total
Students by Discipline in WS 2021/22

47,269 Students in Total

- 26,459 (56%) Engineering
- 6,047 (13%) Humanities, Social Sciences and Economics
- 3,086 (6%) Medicine
- 11,677 (25%) Natural Sciences
Students by Discipline in WS 2021/22

47,269 Students in Total

- Engineering: 26,459 (56%)
  - Civil Engineering: 18%
  - Mechanical Engineering: 48%
  - Electrical Engineering and Information Technology: 18%
- Natural Sciences: 11,677 (25%)
- Humanities, Social Sciences and Economics: 6,047 (13%)
- Medicine: 3,086 (7%)
- Architecture: 7%
- Material Science and Engineering: 6%
- Mineral Resources and Raw Materials Engineering: 3%
International Students in WS 2021/22

- Students from 137 countries are enrolled in WS 2021/22.
- 82% of all international students lived in countries with more than 1 million inhabitants, the most common countries of origin related to the number of inhabitants are Luxembourg, Andorra, Bulgaria und Cyprus.
- High amount of international students: 28% in comparison to the average number of students at German universities (16%).

13,354 International Students

*Statistisches Bundesamt (Destatis), Studierende an allen Hochschulen, Fachserie 11 Reihe 4.1, Released on 05.08.2021.*
The 3 most common countries of origin after Germany are:

- China: 3,164 Students
- India: 1,745 Students
- Turkey: 1,004 Students

13,354 International Students

Note: There is no country or nationality with between 500 and 1,000 students enrolled. For this reason, this category was left out the consideration.
International Students by Degree in WS 2021/22

- 13,354 International Students
- 6,028 (45%) Master
- 5,300 (40%) Bachelor
- 117 (1%) Education
- 411 (3%) State Examination (Medicine)
- 994 (7%) Doctoral Degree
- 504 (4%) Diplom/Other

Total: 13,354 International Students
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New Enrolments in WS 2021/22

- More than 1 in 10 of NRW’s new students is enrolled at RWTH.
- 54% of the new enrolled students study in the field of Engineering.
- 24% of the new enrolled students study in the field of Natural Sciences.
- 17% of the new enrolled students study in the field of Humanities, Social Sciences and Economics.
- 5% of the new enrolled students study in the field of Medicine.

9,650 New Enrolments

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New Enrolments by Degree in WS 2021/22

- Bachelor: 5,465 (57%)
- Master: 2,723 (28%)
- State Examination (Medicine): 427 (4%)
- Doctoral Degree: 295 (3%)
- Other: 396 (4%)

Total New Enrolments: 9,650
First Semester Survey

- First semester students are generally pleased with RWTH and their subject of study, 88% of them study their desired subject, 88% at their desired university.

- Most common reason why people decide to study in Aachen is the reputation: 79% name the good reputation of RWTH as a reason.

- Other reasons* are:
  - Recommendation of third party: 53%
  - RWTH positions in a University Ranking: 49%
  - Proximity to hometown: 44%
  - Facilities of RWTH: 36%

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Is RWTH your desired university?
(Evaluation in WS 2020/21)

* Note: Multiple answers were possible while answering the question.
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I Department 6.0

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Graduates in 2021

• In 8 of the 40 DAX companies the director board includes at least one graduate of RWTH as a member, no other university has more graduates who are chairmen of the board of a DAX company.*

• The alumni network counts more than 23,000 members, for whom worldwide events are regularly offered.

7,344 Graduates

2,520 (34%)

Female Graduates

* Status of the information on graduates in DAX companies: April 2022.
Graduates in 2021

- 7,344 Graduates
  - 2,993 (41%) Bachelor
  - 3,793 (52%) Master
  - 296 (4%) Education
  - 282 (3%) State Examination (Medicine)
Graduates Survey

Would you choose RWTH again?
(Graduates in Academic Year 2019)

- 76% of the Bachelor graduates and 77% of the Master graduates would choose RWTH again as place of study, this rate is significantly higher than other universities (Bachelor graduates from other universities: 69%, Master graduates from other universities: 73%).

- RWTH graduates are sought after by employers: 88% of the graduates have found a job not later than 6 month after their graduation.
Doctoral Degrees in 2021

- 11% of all doctoral degrees in the field of engineering are awarded in Aachen.*
- RWTH has a DFG Graduate School, 14 Graduate Colleges and 22 other doctoral programmes.
- The Center for Doctoral Studies provides 3,000 positions in more than 200 different workshops, courses and seminars for the doctoral candidates every year.

979 Doctoral Degrees

* Statistisches Bundesamt (Destatis), Studierende an allen Hochschulen, Fachserie 11 Reihe 4.1, Released on 05.08.2021.
Doctoral Degrees by Discipline in 2021

- **979 Doctoral Degrees**

  - **256 (26%)** Mechanical Engineering
  - **198 (20%)** Medicine
  - **125 (13%)** Other
  - **89 (9%)** Chemistry
  - **66 (7%)** Electrical Engineering
  - **64 (7%)** Material Science
  - **62 (6%)** Humanities and Social Sciences
  - **61 (6%)** Biology
  - **58 (6%)** Physics
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Within the last 10 years, the number of the professors increased by 55.

Within the last 10 years, the number of female professors has increased by 36%, in 2012, 72 female professors were employed at RWTH.

The amount of professors in the field of MINT is 66%.

About 6% of the professors are junior professors.

553 Professors

Professors by Discipline in 2021

- **553 Professors**
- **121 (22%)** Medicine
- **174 (31%)** Engineering
- **64 (12%)** Humanities, Social Sciences and Economics
- **193 (35%)** Natural Sciences

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Staff in 2021 (FTE)

- The university employs more than 1,552 international employees.
- About two thirds of the employees are academic staff.
- RWTH is the largest on the job training company in the Aachen region.
- RWTH currently employs 496 trainees.

10,249 Employees

Staff in 2021 (FTE)

10,249 Employees

- 5,250 (51%) Staff from Grants from the State of NRW
- 3,866 (38%) Staff from Third Party Funding
- 637 (6%) Staff from Special Funds
- 496 (5%) Trainees/Interns

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The state grant is 430.6 million € for the university without medicine and 122.8 million € for the faculty of medicine.

The project funds are 422.7 million € for research and 131.7 million € for teaching.

RWTH is the university with the most third party funds in Germany.

Since 2011, the amount of third party funds for research increased by about 145 million € (31.8%).
Source of Grants and Funding in 2021

554.4 Million € Project Funds

179 Million € (32%)
BMBF and other Federal Departments

131.8 Million € (24%)
Teaching Funds (QVM, QL & HSP)

103.9 Million € (19%)
DFG

75.4 Million € (14%)
Industry and Economy

8.9 Million € (2%)
Foundations

25.4 Million € (4%)
Other

30 Million € (5%)
EU

554.4 Million € Project Funds

Source of Grants and Funding in 2021

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Performance Indicator
Publications 2020

- In the last 10 years, more than 94,000 publications have appeared with the participation of RWTH members.
- A total of 234,191 publications are documented in RWTH Publications, the year of the first publication dates back to the time the university was founded.
- In the last 10 years, there have been over 1 million citations on RWTH publications, the publications of the scientific staff of the RWTH have been cited over 100,147 times a year (on average over the last 10 years).

9,434 Publications
(In RWTH Publications listed Publications in 2020)

Status: RWTH Publications und Web of Science (WoS)
Performance Indicator
Reputation

- Many rankings certify RWTH best scores.
- In „Wirtschaftswoche Ranking 2021“ RWTH is placed first in industrial engineering, in mechanical engineering, electrical engineering and natural sciences RWTH achieves the 2nd place.
- In its 2021 edition, the QS Ranking ranks RWTH in 18th place among the best universities in mechanical engineering worldwide.
Thinking the Future
Zukunft denken