The Big Picture in Figures

May 2023
RWTH Aachen University  I  Department 6.0 Planning, Development and Controlling
47,078 Students in Total

14,150 International Students

9,538 New Enrolments

7,133 Graduates

557 Professors

10,272 Staff (Full-Time Equivalent)

1.192 Financial Vol. Total Budget in Billion €

10,233 Publications
RWTH Aachen University
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Students in 2022/23 Winter Semester

47,078 Students in Total

15,823 (34%) Female Students

RWTH is the 5th largest university in Germany.*

* Statistisches Bundesamt (Destatis), Vorbericht Studierende an allen Hochschulen, Fachserie 11 Reihe 4.1, published 10.03.2023.
Development of the Number of Students

The number of students increased by 25% between WS 2012/13 and WS 2022/23.

WS 2012/13: 37,769 Students in Total

WS 2022/23: 47,078 Students in Total
**Catchment Area of Students in 2022/23 Winter Semester**

- Statistically spoken one in six inhabitants of Aachen is a student at RWTH.*
- 35,938 of RWTH students are between 20 and 29 years old. This equivalent to 59% of all Aachen inhabitants in this age group.*
- Every 9. student at a (not-distance-learning) university in NRW studies at RWTH.**

*47,078 Students in Total*

- **11,809 (25%)** International
- **5,622 (12%)** Aachen
- **8,456 (18%)** Other Federal States of Germany
- **21,226 (45%)** Remaining North Rhine-Westphalia

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** Statistisches Bundesamt (Destatis), Vorbericht Studierende an allen Hochschulen, Fachserie 11 Reihe 4.1, published 10.03.2023.
47,078 Students in Total

27,040 (58%) Bachelor and State Examination (Medicine)

14,219 (30%) Master

1,860 (4%) Education

3,412 (7%) Doctoral Degree

530 (1%) Diplom/Other

27,040 (58%) Bachelor and State Examination (Medicine)

47,078 Students in Total
Students by Discipline in 2022/23 Winter Semester

- Engineering: 25,913 (55%)
- Natural Sciences: 11,922 (25%)
- Humanities, Social Sciences, and Economics: 6,065 (13%)
- Medicine: 3,178 (7%)

47,078 Students in Total
Students by Discipline in 2022/23 Winter Semester

- **Natural Sciences**: 3,178 students (7%)
- **Medicine**: 6,065 students (13%)
- **Humanities, Social Sciences and Economics**: 25,913 students (55%)
- **Engineering**: 25% of total students
  - **Mechanical Engineering**: 11,922 students (25%)
  - **Civil Engineering**: 4%
  - **Architecture**: 4%
  - **Electrical Engineering and Information Technology**: 10%
  - **Material Science and Engineering**: 4%
  - **Mineral Resources and Raw Materials Engineering**: 10%

Total students: 47,078
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International Students in 2022/23 Winter Semester

- Students from 138 countries are enrolled in 2022/23 Winter Semester.
- 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: 30% in comparison to the average number of students at German universities (16%).

14,150 International Students

4,620 (33%) Female International Students

*Statistisches Bundesamt (Destatis), Vorbericht Studierende an allen Hochschulen, Fachserie 11 Reihe 4.1, Erschienen am 10.03.2023.
The 3 most common countries of origin after Germany are:

- China: 3,400 Students
- India: 1,752 Students
- Turkey: 1,155 Students

Note: There is no country or nationality with between 500 and 1,000 enrolled students. For this reason, this category is left out of the consideration.
International Students by Degree in 2022/23 Winter Semester

14,150 International Students

- 6,189 (44%) Master
- 1,075 (7%) Doctoral Degree
- 520 (4%) Diplom/Other
- 6,259 (44%) Bachelor and State Examination (Medicine)
- 107 (1%) Education

14,150 International Students
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New Enrolments in 2022/23 Winter Semester

- More than 1 in 10 of North Rhine-Westphalia's new students is enrolled at RWTH.
- 51% of the new enrolled students study in the field of Engineering.
- 27% of the new enrolled students study in the field of Natural Sciences.
- 16% of the new enrolled students study in the field of Humanities, Social Sciences and Economics.
- 6% of the new enrolled students study in the field of Medicine.

9,538 New Enrolments

* Statistisches Bundesamt (Destatis), Vorbericht Studierende an allen Hochschulen, Fachserie 11 Reihe 4.1, published 10.03.2023.
New Enrolments by Degree in 2022/23 Winter Semester

9,538 New Enrolments

- Bachelor and State Examination (Medicine): 5,677 (60%)
- Master: 2,677 (28%)
- Other: 409 (4%)
- Doctoral Degree: 342 (4%)
- Education: 433 (5%)
First Semester Survey

- First semester students are generally pleased with RWTH and their subject of study, 88% of them study their desired subject, 83% 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: 52%
  - RWTH positions in a University Ranking: 54%
  - Proximity to hometown: 41%
  - Facilities of RWTH: 28%

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

Is RWTH your desired university?
(Evaluation in WS 2021/22)
Graduates in 2022

- 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.

7,133 Graduates

2,387 (33%) Female Graduates

* Status of the information on graduates in DAX companies: April 2023.
Graduates in 2022

- Bachelor and State Examination (Medicine): 3,167 (45%)
- Master: 3,653 (51%)
- Education: 296 (4%)

Total: 7,133 Graduates
Graduates Survey

Would you choose RWTH again?
(Graduates in Academic Year 2020)

- 65% of the Bachelor graduates and 79% of the Master graduates would choose RWTH again as place of study.
- RWTH trains in a goal-oriented manner: 87% of graduates said that their training is appropriate for their current professional situation.
Doctoral Degrees in 2022

- 11% of all doctoral degrees in the field of engineering are awarded in Aachen.*
- RWTH has a DFG Graduate School, 15 Graduate Colleges and 23 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.

962 Doctoral Degrees

Doctoral Degrees by Discipline in 2022

962 Doctoral Degrees

- **Mechanical Engineering**: 220 (23%)
- **Medicine**: 256 (27%)
- **Chemistry**: 77 (8%)
- **Electrical Engineering**: 69 (7%)
- **Material Science**: 60 (6%)
- **Biology**: 63 (7%)
- **Physics**: 58 (6%)
- **Humanities and Social Sciences**: 56 (6%)
- **Other**: 103 (11%)

Total: 962 Doctoral Degrees
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9,538 New Enrolments

1.192 Financial Vol. Total
Budget in Billion €

7,133 Graduates

10,233 Publications
Professors in 2022

- Within the last 10 years, the number of the professors increased by 45.
- Within the last 10 years, the number of female professors has increased by 39%, in 2013, 75 female professors were employed at RWTH.
- The amount of professors in the field of MINT is 67%.
- About 7% of the professors are junior professors.

557 Professors

123 (22%) Female Professors

Professors by Discipline in 2022

- 557 Professors
- 178 (32%) Engineering
- 196 (35%) Natural Sciences
- 114 (21%) Medicine
- 69 (12%) Humanities, Social Sciences and Economics

47,078 Students in Total

557 Professors

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7,13 Graduates

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Staff in 2022 (FTE)

- The university employs more than 1,633 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 472 trainees.

10,272 Employees

3,725 (36%) Female Employees

Staff in 2022 (FTE)

10,272 Employees

5,182 (50%) Staff from Grants from the State of North Rhine-Westphalia

3,959 (39%) Staff from Third Party Funding

659 (6%) Staff from Special Funds

472 (5%) Trainees/Interns

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Total Grants and Funding in 2022

- The state grant is 454.5 million € for the university without medicine and 130.5 million € for the faculty of medicine.
- The project funds are 487.7 million € for research and 119.3 million € for teaching.
- RWTH is the university with the most third party funds in Germany.
- Since 2012, the amount of third party funds for research increased by about 134.0 million € (27.5%).
Source of Grants and Funding in 2022

- 218.7 Million € (36%) BMBF and other Federal Departments
- 116.2 Million € (19%) DFG
- 119.4 Million € (20%) Teaching Funds (QVM, QL & HSP)
- 82.4 Million € (14%) Industry and Economy
- 10.7 Million € (2%) Foundations
- 32.3 Million € (5%) EU Other
- 27.4 Million € (4%) Other

Total: 607.1 Million € Project Funds
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10,233 Publications
In the last 10 years, more than 96,000 publications have appeared with the participation of RWTH members.

A total of 245,346 publications are documented in RWTH Publicaitons, 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 109,559 times a year (on average over the last 10 years).
Performance Indicator
Reputation

• Many rankings certify RWTH best scores.
• In „Wirtschaftswoche Ranking 2022“ RWTH is placed first in electrical engineering and industrial engineering, in mechanical engineering, computer sciences and natural sciences RWTH achieves the 2nd place.
• In its 2022 edition, the QS Ranking ranks RWTH in 19th place among the best universities in mechanical engineering worldwide.
Thinking the Future
Zukunft denken