The Big Picture in Figures

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

14,150 International Students

9,538 New Enrollments

7,133 Graduates

557 Professors

10,272 Staff (Full-Time Equivalent)

1.192 Funding Volume Total Budget in Billion €

10,233 Publications
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RWTH is the 5th largest university in Germany.*

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

Winter Semester 2012/13: 37,769 Students in Total

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

- Statistically, one in six people in Aachen are a student at RWTH.*

- 35,938 students are between 20 and 29 years old. This is equivalent to 59% of all Aachen inhabitants in this age group.*

- Every 9th student at a (not-distance-learning) university in NRW is enrolled at RWTH.**

47,078 Students in Total

** Statistisches Bundesamt (Destatis), Vorbericht Studierende an allen Hochschulen, Fachserie 11 Reihe 4.1, published on March 10, 2023.
Students by Degree in the 2022/23 Winter Semester

- Bachelor and State Examination (Medicine): 27,040 (58%)
- Master: 14,219 (30%)
- Education: 1,860 (4%)
- Doctoral Studies: 3,412 (7%)
- Diplom/Other: 530 (1%)

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

47,078 Students in Total

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

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

47,078 Students in Total

- Engineering: 25,913 (55%)
- Mechanical Engineering: 11,922 (25%)
- Mathematics, Computer Science and Natural Sciences: 11,922 (25%)
- Humanities, Social Sciences and Economics: 6,065 (13%)
- Medicine: 3,178 (7%)
- Architecture: 252 (4%)
- Civil Engineering: 4,707 (10%)
- Material Science and Engineering: 2,353 (4%)
- Mineral Resources and Raw Materials Engineering: 1,176 (2%)
- Electrical Engineering and Information Technology: 4,707 (10%)

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November 2023
International Students in the 2022/23 Winter Semester

- Students from 138 countries are enrolled in the 2022/23 Winter Semester.
- 82% of all international students come from countries with more than 1 million inhabitants. The most represented countries of origin considering their total population are Luxembourg, Andorra, Bulgaria und Cyprus.
- RWTH has a high proportion of international students: 30% compared to the average at other German universities (16%).*

14,150 International Students

Countries of origin of the International Students in the 2022/23 Winter Semester

The 3 most common countries of origin after Germany are:

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

14,150 International Students

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

- 14,150 International Students
- 6,259 (44%) Bachelor and State Examination (Medicine)
- 6,189 (44%) Master
- 107 (1%) Education
- 1,075 (7%) Doctoral Studies
- 520 (4%) Diplom/Other

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

- More than 1 in 10 of new students in NRW are 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 Enrollments

*Statistisches Bundesamt (Destatis), Vorbericht Studierende an allen Hochschulen, Fachserie 11 Reihe 4.1, published on March 10, 2023.*
New Enrollments by Degree in 2022/23 Winter Semester

9,538 New Enrollments

- 5,677 (60%) Bachelor and State Examination (Medicine)
- 2,677 (28%) Master
- 433 (5%) Education
- 342 (4%) Doctoral Studies
- 409 (4%) Other

Total: 9,538 New Enrollments
First-Semester Survey

- First-semester students are generally pleased with RWTH and their subject of study, with 88% studying their desired subject and 83% at their first choice of university.
- The most common reason to study in Aachen is reputation: 79% state RWTH's good reputation as their reason.
- Other reasons* are:
  - Recommendation from someone else: 52%
  - RWTH positions in university rankings: 54%
  - Proximity to hometown: 41%
  - Facilities of RWTH: 28%

*Note: Multiple answers were possible for the question.

Is RWTH your first choice?
(Evaluation in winter semester 2021/22)
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Graduates in 2022

7,133 Graduates

• At 8 of the 40 DAX companies, the board of directors includes at least one graduate of RWTH as a member. No other university has more graduates with chairs of the board of a DAX company.*

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

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

7,133 Graduates

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

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

- 65% of bachelor's graduates and 79% of master's graduates would choose to study at RWTH again.
- RWTH trains in a goal-oriented manner: 87% of graduates said that their training is appropriate for their current professional situation.
Doctoral Studies in 2022

- 11% of all doctorates in the field of engineering in Germany are awarded by RWTH.*
- RWTH has a DFG Graduate School, 15 Research Training Groups, and 23 structured doctoral programs.
- The Center for Doctoral Studies provides 3,000 places for doctoral candidates in more than 200 different workshops, courses and seminars every year.

962 Doctoral Studies

* Statistisches Bundesamt (Destatis), Prüfungen an Hochschulen, Fachserie 11 Reihe 4.2, published on September 07, 2022.
Doctorates by Discipline in 2022

962 Doctorates

- 220 (23%) Medicine
- 256 (27%) Mechanical Engineering
- 69 (7%) Electrical Engineering
- 60 (6%) Material Science
- 63 (7%) Biology
- 58 (6%) Physics
- 56 (6%) Humanities and Social Sciences
- 103 (11%) Other
47,078 Students in Total

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1.192 Funding Volume Total Budget in Billion €

10,233 Publications
Professors in 2022

- In the last 10 years, the total number of professors increased by 45.
- In the last decade, the number of female professors increased by 39% – in 2013, 75 female professors were employed at RWTH.
- The proportion of professors in STEM fields is 67%.
- About 7% of professors are junior professors.

557 Professors
Professors by Discipline in 2022

- **557 Professors**

**Disciplines and Number of Professors**
- **196 (35%)** Mathematics, Computer Science and Natural Sciences
- **178 (32%)** Engineering
- **69 (12%)** Humanities, Social Sciences and Economics
- **114 (21%)** Medicine

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7,13 Graduates
10,233 Publications
Staff in 2022 (FTE)

- The University has more than 1,633 international employees.
- About two thirds of are employed as academic staff.
- RWTH is the largest on-the-job training provider in the Aachen region.
- RWTH currently employs 472 apprentices.

10,272 Employees

- 3,725 (36%) Female Employees

Staff in 2022 (FTE)

10,272 Employees

- 5,182 (50%) Staff Positions From Grants From the State of North Rhine-Westphalia
- 3,959 (39%) Staff Positions From Third-Party Funding
- 659 (6%) Staff Positions From Special Funds
- 472 (5%) Apprentices/Interns

47,078 Students in Total

14,150 International Students

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557 Professors

10,272 Staff (Full-Time Equivalent)

10,233 Publications

1.192 Funding Volume Total Budget in Billion €
Total Grants and Funding in 2022

- The state grant for the University is 454.5 million euros without medicine, with an additional 130.5 million euros granted for the Faculty of Medicine.
- The project funds are 487.7 million euros for research and 119.3 million euros for teaching.
- RWTH attracts the most third-party funding among German universities.
- Since 2012, the amount of third-party funding for research increased by about 134.0 million euros (27.5%).

1.192 Billion € Total Funding Volume
Source of Grants and Funding in 2022

- **218.7 Million € (36%)** Federal Ministry of Education and Research and other Federal Departments
- **119.4 Million € (20%)** Teaching Funds (Quality Improvement Funds (QVM) and Higher Education Pact (HSP))
- **116.2 Million € (19%)** German Research Foundation (DFG)
- **82.4 Million € (14%)** Industry and Economy
- **32.3 Million € (5%)** EU
- **27.4 Million € (4%)** Other
- **10.7 Million € (2%)** Foundations

**Total:** 607.1 Million €
Performance Indicator: Publications 2021

- In the last 10 years, more than 96,000 publications have appeared with participation of RWTH members.
- A total of 245,346 publications are documented in RWTH Publicaitons. The first publication dates back to the year the University was founded.
- In the last decade, there have been over 1 million citations of RWTH publications and the publications by academic staff of RWTH have been cited over 109,559 times a year (on average over the last 10 years).

10,233 Publications  
(Listed in RWTH Publications in 2021)
Performance Indicator: Reputation

- Many rankings attest to RWTH's outstanding reputation.
- The 2022 WirtschaftsWoche Ranking placed RWTH first in electrical engineering and industrial engineering and second in mechanical engineering, computer sciences and natural sciences.
- In the QS World University Rankings 2022, RWTH is 19th for mechanical engineering out of all the universities worldwide.
Thinking the Future
Zukunft denken