RWTH Aachen University 2015
The Big Picture in Figures

- Students in Total: 42,298
- Professors: 538
- International Students: 5,510
- Staff (Full-Time Equivalent): 9,191
- New Enrolments: 8,190
- Total Budget in Million €: 839.5
- Graduates: 6,480
- Publications: 4,833
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Students in Winter Semester 2014/15

42,298

- 13,483 (32% Female Students)
- 28,815 (68% Male Students)

- Highest number of students in the history of RWTH: increase of 10,000 students compared to four years ago
- Almost one in ten students in NRW studies at RWTH
- One in six inhabitants of Aachen is a student at RWTH
- 60% of all 20- to 29-year-olds in Aachen are students of the university
Development of the Number of Students

- Total: 42,298
  - Female Students: 13,483 (32%)
  - Male Students: 28,815 (68%)

RWTH Aachen in total
- Engineering
- Natural Sciences
- Humanities, Social Sciences and Economics
- Medicine

Catchment Area of Students Winter Semester 2014/15

42,298

13,483 \{ 32\% \text{ Female Students} \\
28,815 \{ 68\% \text{ Male Students}

Aachen 14\%
Rest of NRW 54\%
Other Federal States of Germany 17\%
International 15\%
Students by Degree

42,298

13,483 \{ 32\% \text{ Female Students} \}

28,815 \{ 68\% \text{ Male Students} \}

- Bachelor: 50\%
- Master: 25\%
- Teaching Degree (Medicine): 6\%
- State Examination: 6\%
- Doctoral Degree: 11\%
- Diplom/Other: 2\%
Students by Discipline

42,298

13,483 \{ 32\% \text{ Female Students} \}

28,815 \{ 68\% \text{ Male Students} \}

Engineering 57\%
Natural Sciences 23\%
Humanities, Social Sciences and Economics 13\%
Medicine 7\%

RWTH Aachen University 2015
The Big Picture in Figures
Department 6.0 Planning, Development & Controlling
Students by Discipline

42,298

13,483 \{ 32\% \text{ Female Students} \}

28,815 \{ 68\% \text{ Male Students} \}

19\% \text{ Electrical Engineering and Information Technology}

8\% \text{ Material Science and Engineering}

3\% \text{ Mineral Resources and Raw Materials Engineering}

6\% \text{ Architecture}

14\% \text{ Civil Engineering}

50\% \text{ Mechanical Engineering}
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**International Students**

- Students from 121 countries
- Students from 72% off all large countries
- Most common countries of origin: China, Turkey and India
- Most common countries of origin related to the number of inhabitants: Luxembourg, Bulgaria, Belgium, and Greece
- High amount of international students: 12.5% in comparison to the average number of students at German universities (8.1%)

Data Basis: International students who received their entry qualification in another country than Germany

<table>
<thead>
<tr>
<th>Female Students</th>
<th>Male Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,850</td>
<td>3,660</td>
</tr>
</tbody>
</table>

34% Female Students

66% Male Students

Data Basis: Nationality

1 Countries with a population of more than 1 million inhabitants.
International Students by Degree

5,510

1,850 \{ 34\% \text{ Female Students} \}

3,660 \{ 66\% \text{ Male Students} \}

- Bachelor: 25\%
- Master: 44\%
- State Examination (Medicine): 3\%
- Erasmus/Other: 12\%
- Doctoral Degree: 16\%

Data Basis: International students who received their entry qualification in another country than Germany
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New Enrolments in Winter Semester 2014/15
First and higher Subject-Related Semester

8,190

2,819 34% Female Students

5,371 66% Male Students

- Even a year after the double class cohorts a very high number of new enrolments is registered
- 67% of the new students are enroled in Bachelor degree courses
- 58% of the new students study in the field of Engineering
- 28% of the new students study Mechanical Engineering
Students in First Subject-Related Semester in Winter Semester 2014/15
All Students in First Subject-Related Semester

10,739

3,537 \{ 33\% \text{ Female Students} \\
7,202 \{ 67\% \text{ Male Students} \\

56\% \text{ Bachelor} \quad \quad 27\% \text{ Master} \quad \quad 4\% \text{ Teaching Degree (Medicine)} \quad \quad 4\% \text{ State Examination} \quad \quad 5\% \text{ Doctoral Degree} \quad \quad 4\% \text{ Other}
Bachelor and Master 2014
Students in First Subject-Related Semester & Graduates

10,462
Students in First Subject-Related Semester

6,154
Bachelor

4,308
Master

Data Basis: Students in First Subject-Related Semester (SS+WS)

5,031
Graduates

2,760
Bachelor

2,271
Master

Data Basis: Graduates in Academic Year 2014
Graduates 2014

6,480

1,898 \{ \text{29\% Female Graduates} \}

4,582 \{ \text{71\% Male Graduates} \}

- One of six boards of directors of German DAX corporations includes a graduate of RWTH as a member
- The Nobelists Peter Debye and Thomas Südhof studied in Aachen
- TV presenter Ranga Yogeshwar, former Federal Minister Ulla Schmidt and Astronaut Hans Wilhelm Schlegel are graduates of RWTH
- The Alumni network counts more than 13,000 members, for whom worldwide events are regularly offered
Graduates 2014

6,480

1,898 \{ 29\% \text{ Female Graduates} \}

4,582 \{ 71\% \text{ Male Graduates} \}

- Bachelor 2014: 2,544, 2013: 2,760
- Master 2014: 1,536, 2013: 2,271
- State Examination: 239, Teaching Degree: 216, Diplom & Magister: 1,322
- 954
- Other: 58, 2014: 0
10.5% of all doctoral degrees in the field of Engineering are awarded in Aachen even though only 3.5% of all German graduates of Engineering graduate at RWTH.

- RWTH has a DFG Graduate School, 13 Graduate Colleges and nine other Doctoral programmes.
- The Centre for Doctoral Studies provides 3,000 positions in more than 200 different workshops, courses and seminars for the doctoral candidates every year.
Doctoral Degree 2014

810

269 \{ 33\% \text{ Women} \\
541 \{ 67\% \text{ Men} \\

206

160

Mechanical Engineering

113

Other

70

Biology

63

Electrical Engineering

61

Chemistry

52

Humanities and Social Sciences

44

Materials Science

41

Physics

61

Other
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Professors in 2014

- Within the last six years the number of professors increased by 100
- The amount of female professors has almost doubled in the last six years
- The amount of professors in the field of MINT is 66%
- 9% of the professors are Junior Professors
Professors by Discipline in 2014

538

85 \{ 16\% \text{ Female Professors} \}

453 \{ 84\% \text{ Male Professors} \}

35\% \text{ Engineering}

31\% \text{ Natural Sciences}

13\% \text{ Humanities, Social Sciences and Economics}

21\% \text{ Medicine}
Staff 2014

- In total about one in fourteen employees in Aachen works at RWTH
- The university employs almost 1,000 international employees
- About two thirds of the employees are academic staff
- RWTH has the largest on the job training in the region of Aachen
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Total Grants and Funding 2014

- 839.5 million €
  - 445.9 million € Grants from the State of NRW
  - 393.6 million € Project Funds

- State grant: 341.3 million € for the university without medicine and 104.6 million € for the faculty of medicine
- Project funds: 330.3 million € for research and 63.3 million € for teaching
- RWTH Aachen is recently the university in Germany with the most third party funds
- In the last six years the amount of third party funds for research increased by 100 million €
Source of Grants and Funding

839.5 million €

Grants from the State of NRW

445.9 million €

Project Funds

393.6 million €

DFG

88.3 million €

BMBF and other Federal Departments

87.3 million €

Teaching Funds (QVM, QL & HSP)

63.3 million €

Industry and Economy

94.1 million €

Other

24.5 million €

EU

23.4 million €

NRW

4.1 million €

Foundations

8.6 million €
Performance Indicator Publications

More than 75,000 new publications during the last ten years

3% of all publications at German universities result from RWTH Aachen

Publications of staff members of RWTH are cited about 30,000 times each year

In average six citations per scientist per year
Performance Indicator
New Publications per Year

Publications in Total

- 2000: 75,917
- 2013: 169,865

Number of new publications per year in Web of Knowledge:

- 2003: 2,193
- 2005: 2,398
- 2007: 2,971
- 2009: 3,990
- 2011: 4,276
- 2013: 4,833

Source: Web of Knowledge
Many rankings certify RWTH best scores.

In the THE Reputation Ranking of 2014 RWTH is among the 100 universities with the best reputation worldwide for the first time.

In 2014 there are new records in many rankings: In Taiwan-Ranking, DAAD-Ranking, Alexander von Humboldt-Ranking and in Scimago Institutions Ranking new best scores are established.

Allensbacher IfD: 70% of German managers have got a positive image of RWTH Aachen – no other university was better evaluated.
Graduates Survey

Would you choose the same University again?

<table>
<thead>
<tr>
<th></th>
<th>Average Master (Germany nationwide)</th>
<th>RWTH Master</th>
</tr>
</thead>
<tbody>
<tr>
<td>79%</td>
<td>73%</td>
<td>79%</td>
</tr>
</tbody>
</table>

- 79% of Master and 78% of Bachelor graduates would choose RWTH again as place of study
- The rate at other universities is considerably lower with 73% and 68%
- RWTH graduates are sought after by employers: 1.5 years after their graduation only 2% of graduates are seeking work
First Semester Survey

RWTH is the desired University of First Semester Students (in %)

- First semester students are generally pleased with RWTH and their subject of study
- 87% study their desired subject, 91% study at their desired university
- Most common reason why people decide to study in Aachen is the reputation: 91% name the good reputation of RWTH as a reason
- Other reasons: „RWTH Aachen positions in a University Ranking“ (60%), „Recommendation of third party“ (59%), which are more important than the reasons proximity to hometown (42%) and facilities of RWTH Aachen (34%)
Thinking the Future
Zukunft denken