



# TU Braunschweig in figures

# 2019

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## Dear Reader,

you are holding in your hands the newest product from the TU Braunschweig regarding numbers, data and facts – our Leporello 2019. With this, we would like to provide you with information about the TU Braunschweig in a compact form.

The year 2019 was very eventful for the TU Braunschweig. By winning two clusters of excellence (SE<sup>2</sup>A and QuantumFrontiers), TU Braunschweig set out to develop a strategy for excellence and to compete for the “University of Excellence” title. Even though this status has not yet been achieved, we can be very proud of our „We move“ concept, upon which we will continue to build.

- Six faculties and 130 institutes educate approximately 19,700 students in 79 courses of study in the fields of engineering, natural sciences and humanities.
- A double degree can be obtained in 17 courses of study.
- Almost 3,300 international students from over 110 countries study with us.
- Over 400 partner institutes and research facilities in more than 60 countries speak for themselves.

- In 2019, 3,330 graduates graduated from our university.
- Our total area in 2019 was just under 432,000 m<sup>2</sup>.

The amount of third-party funding at the TU Braunschweig has been rising continuously for years and reached a new high of almost 117 million euros in 2019. With 31.7 million euros, the DFG has, besides the federal government, contributed a large share to this.

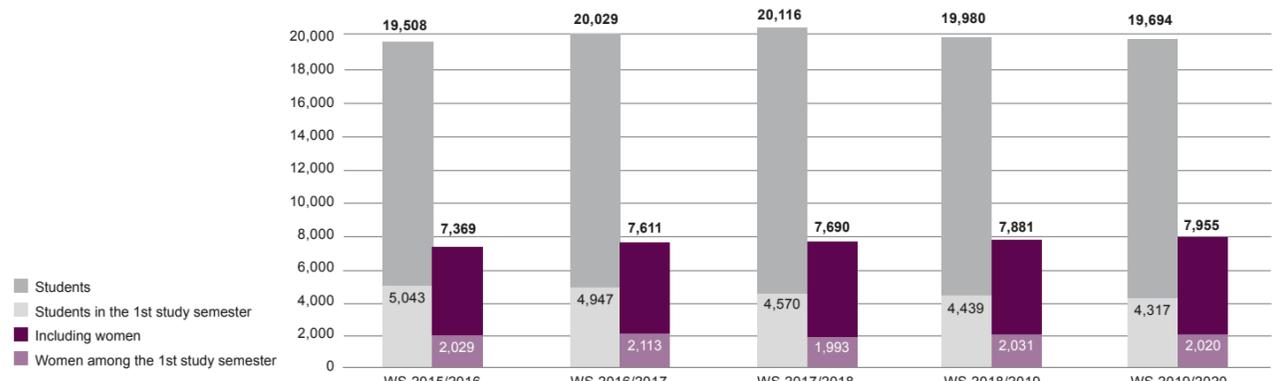
For further information, please refer to our facts and figures and <https://www.tu-braunschweig.de/die-tu-braunschweig/unser-profil/daten-fakten/tu-in-zahlen>.

**Dietmar Smyrek**

Vice President for Human Resources, Finance and University Construction at the Braunschweig University of Technology

## Welcome statement from the Vice president

### Development of students

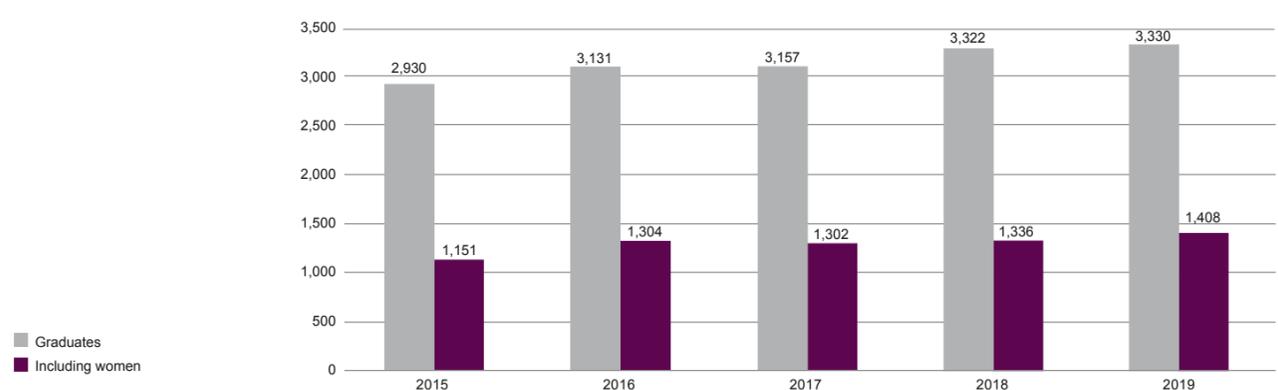


|                                    | WS 2015/2016 | WS 2016/2017 | WS 2017/2018 | WS 2018/2019 | WS 2019/2020 |
|------------------------------------|--------------|--------------|--------------|--------------|--------------|
| Students, total                    | 19,508       | 20,029       | 20,116       | 19,980       | 19,694       |
| Including women                    | 7,369        | 7,611        | 7,690        | 7,881        | 7,955        |
| Percent                            | 37.8%        | 38.0%        | 38.2%        | 39.4%        | 40.4%        |
| Students in the 1st study semester | 5,043        | 4,947        | 4,570        | 4,439        | 4,317        |
| Women among the 1st study semester | 2,029        | 2,113        | 1,993        | 2,031        | 2,020        |
| Percent                            | 40.3%        | 42.7%        | 43.6%        | 45.8%        | 46.9%        |

The students are given as head numbers.

## Development of students

### Development of graduates

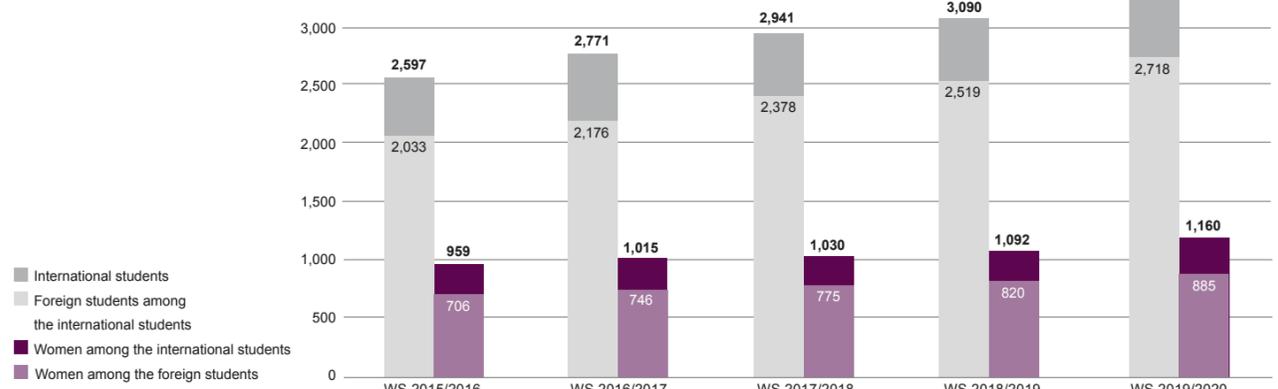


|                 | 2015  | 2016  | 2017  | 2018  | 2019  |
|-----------------|-------|-------|-------|-------|-------|
| Graduates total | 2,930 | 3,131 | 3,157 | 3,322 | 3,330 |
| Including women | 1,151 | 1,304 | 1,302 | 1,336 | 1,408 |
| Percent         | 39.3% | 41.7% | 41.3% | 40.2% | 42.3% |

Examination year: WS + SuSe (e.g. examination year 2019: WS 2018/2019 + SuSe 2019)

## Development of graduates

### Development of international students



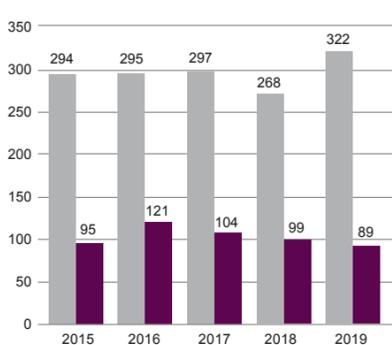
|  | WS 2015/2016 | WS 2016/2017 | WS 2017/2018 | WS 2018/2019 | WS 2019/2020 |
|--|--------------|--------------|--------------|--------------|--------------|
| International students                 | 2,597        | 2,771        | 2,941        | 3,090        | 3,277        |
| Women among the international students | 959          | 1,015        | 1,030        | 1,092        | 1,160        |
| Percent                                | 36.9%        | 36.6%        | 35.0%        | 35.3%        | 35.4%        |
| Foreign students                       | 2,033        | 2,176        | 2,378        | 2,519        | 2,718        |
| Women among the foreign students       | 706          | 746          | 775          | 820          | 885          |
| Percent                                | 34.7%        | 34.3%        | 32.6%        | 32.6%        | 32.6%        |

International students are students with foreign nationalities.

Foreign students are international students who have acquired their higher education entrance qualification abroad or at a preparatory college.

## Development of international students

## Doctorates

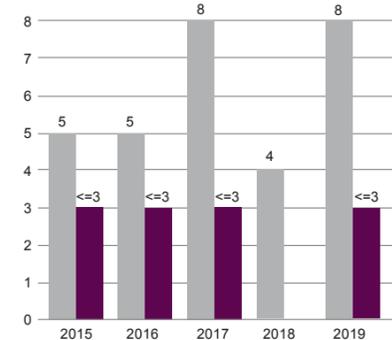


■ Doctorates  
■ by women

|            | 2015 | 2016 | 2017 | 2018 | 2019 |
|------------|------|------|------|------|------|
| Doctorates | 294  | 295  | 297  | 268  | 322  |
| by women   | 95   | 121  | 104  | 99   | 89   |

Examination year: WS + SuSe (e.g. examination year 2019: WS 2018/2019 + SuSe 2019)

## Postdoctoral degrees



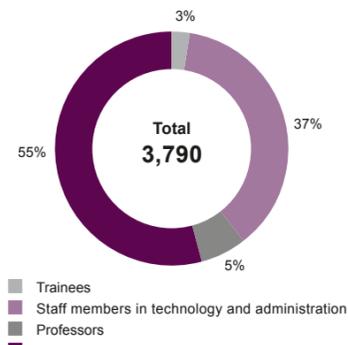
■ Postdoctoral degrees  
■ by women

|                      | 2015 | 2016 | 2017 | 2018 | 2019 |
|----------------------|------|------|------|------|------|
| Postdoctoral degrees | 5    | 5    | 8    | 4    | 8    |
| by women             | <=3  | <=3  | <=3  | 0    | <=3  |

## Doctorates | Postdoctoral degrees

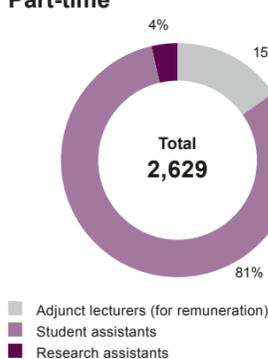
### Staff

#### Full-time



|  | Women        | Percent      | Men          | Percent      | Total        |
|--|--------------|--------------|--------------|--------------|--------------|
| Trainees                                       | 32           | 32.7%        | 66           | 67.3%        | 98           |
| Staff members in technology and administration | 841          | 60.1%        | 559          | 39.9%        | 1,400        |
| Professors                                     | 59           | 24.3%        | 184          | 75.7%        | 243          |
| Scientific staff                               | 636          | 31.0%        | 1,413        | 69.0%        | 2,049        |
| <b>Full-time, total</b>                        | <b>1,568</b> | <b>41.4%</b> | <b>2,222</b> | <b>58.6%</b> | <b>3,790</b> |

#### Part-time



|                                      | Women        | Percent      | Men          | Percent      | Total        |
|--------------------------------------|--------------|--------------|--------------|--------------|--------------|
| Adjunct lecturers (for remuneration) | 183          | 45.1%        | 223          | 54.9%        | 406          |
| Student assistants                   | 770          | 36.1%        | 1,361        | 63.9%        | 2,131        |
| Research assistants                  | 59           | 64.1%        | 33           | 35.9%        | 92           |
| <b>Part-time, total</b>              | <b>1,012</b> | <b>38.5%</b> | <b>1,617</b> | <b>61.5%</b> | <b>2,629</b> |

Source: University statistics 2019; LSN as of: 1st Dec 2019

### Staff

#### Finance volume in 2019



#### Development of income by origin of funds in 2015 to 2019

|   | 2015                 | 2016                 | 2017                 | 2018                 | 2019                 |
|---|----------------------|----------------------|----------------------|----------------------|----------------------|
| Continuous grant from the state of Lower Saxony         | 184,501,536 €        | 183,229,992 €        | 186,897,924 €        | 191,496,599 €        | 202,559,416 €        |
| Special funds of the state                              | 52,584,080 €         | 43,222,523 €         | 47,775,060 €         | 47,995,546 €         | 52,896,405 €         |
| including funds from Hochschulpakt 2020                 | 11,564,701 €         | 14,722,223 €         | 14,191,488 €         | 15,148,032 €         | 20,397,663 €         |
| including government funding for educational quality    | 9,764,000 €          | 12,637,676 €         | 13,422,759 €         | 13,764,382 €         | 13,242,822 €         |
| including other special funds                           | 31,255,379 €         | 15,862,624 €         | 20,160,814 €         | 19,083,132 €         | 19,255,920 €         |
| Third-party funding                                     | 83,214,346 €         | 90,032,952 €         | 93,467,811 €         | 101,570,913 €        | 116,833,142 €        |
| including grant research                                | 57,360,627 €         | 62,766,879 €         | 67,837,025 €         | 76,625,154 €         | 90,391,535 €         |
| including contract research                             | 23,220,382 €         | 23,736,569 €         | 22,921,031 €         | 22,833,016 €         | 24,366,055 €         |
| including donations, scholarships and sponsoring        | 1,690,101 €          | 2,347,083 €          | 1,836,690 €          | 1,038,058 €          | 907,874 €            |
| including continuing education                          | 943,236 €            | 1,182,422 €          | 873,065 €            | 1,074,685 €          | 1,167,678 €          |
| Other   | 4,931,949 €          | 5,721,090 €          | 6,698,357 €          | 8,480,594 €          | 7,586,188 €          |
| including change in inventory of semi-finished products | -2,703,403 €         | -2,102,613 €         | -1,060,673 €         | 264,581 €            | -379,077 €           |
| <b>Total</b>  | <b>325,231,911 €</b> | <b>322,206,557 €</b> | <b>334,839,153 €</b> | <b>349,543,653 €</b> | <b>379,875,150 €</b> |
| <b>Share of third-party funding</b>                     | <b>25.6%</b>         | <b>27.9%</b>         | <b>27.9%</b>         | <b>29.1%</b>         | <b>30.8%</b>         |

Source: Profit and loss statement (PaL) 2015 to 2019

### Finances

#### Origin of third-party funding



|              | 2015                | 2016                | 2017                | 2018                 | 2019                 |
|--------------|---------------------|---------------------|---------------------|----------------------|----------------------|
| Federal      | 26,199,020 €        | 31,464,997 €        | 34,612,477 €        | 38,078,186 €         | 43,136,127 €         |
| DFG          | 18,461,550 €        | 22,294,391 €        | 22,973,284 €        | 26,795,856 €         | 31,690,334 €         |
| EU           | 7,836,278 €         | 4,221,523 €         | 5,489,755 €         | 5,511,742 €          | 6,211,229 €          |
| Commercial   | 23,220,382 €        | 23,736,569 €        | 22,921,031 €        | 22,833,016 €         | 24,965,694 €         |
| Other        | 7,497,115 €         | 8,315,473 €         | 7,471,264 €         | 8,352,113 €          | 10,829,759 €         |
| <b>Total</b> | <b>83,214,346 €</b> | <b>90,032,952 €</b> | <b>93,467,811 €</b> | <b>101,570,913 €</b> | <b>116,833,142 €</b> |

#### Origin of third-party funding