



Technische
Universität
Braunschweig

275

Technische Universität Braunschweig
Facts and Figures 2020

TU Braunschweig in figures

Students: 18,566 in the winter semester 2020/2021, including

- 7,631 women
- 3,339 international students
- 2,821 foreign students
- 3,613 students in the 1st study semester
- 14,449 STEM students

Study programmes:

- 84 study programmes in the academic year 2020/2021
- 9 degree programmes

Graduates: 3,087, including 1,288 women

Doctorates: 303, including 86 women

Faculty and staff: 3,768 full-time staff members, including

- 1,565 women
- 241 professors
- 2,045 scientific staff
- 1,383 technical and administrative staff members

Finances: 381,7 M. finance volume, including

- 115,9 M. third-party funding

Infrastructure

(Reference date Dec 31, 2020): Total

- 187 buildings
- 434,563 m² useful area total
- 270,901 m² useful area 1 to 6
(corresponds to 38 football fields*)
- 31,697,300 kWh electricity**
(corresponds to the consumption of approx. 9,101 single-family homes or 6,673 4-person households)
- 34,062,500 kWh district heat***
(corresponds to the consumption of approx. 1,720 single-family homes or 1,695 4-person households)

* According to FIFA regulations 2014: football field 105 m x 68 m = 7,140 m²

** According to BDEW (2009) the average consumption of electricity (per annum) is for a single family home: 3,483 kWh, a 4-person households: 4,750 kWh

*** According to RWI (2008): average consumption of district heat (per annum) is for single family home: approx. 19,800 kWh, 4-person households: approx. 20,100 kWh

Welcome

Dear Ladies and Gentlemen:

In 2020, TU Braunschweig celebrated its 275th anniversary. Due to the pandemic, the „Foundation Week“ was celebrated with a brilliant light show of the dome of Haus der Wissenschaft as well as projections on buildings of TU Braunschweig. With this format, we were able to bring our anniversary to the city without classic event formats.

The number of international students at TU has been steadily increasing for years, reaching a new high of 3,339 in 2020. This corresponds to 18% of the total number of students. The financial volume of TU Braunschweig is growing steadily and was almost 382 million euros in 2020. The number of students fell to 18,566 in the 2020/2021 winter semester due to the lacking graduating classes acquiring university access qualification in Lower Saxony that year. The full-time staff in 2020 was 3,768. New as of the Facts and Figures 2020, the chapter „PhD students“ is included and a three-year development is shown. We have continued with already known topics such as the representation of STEM students, the origin of international students or the origin of third-party funding. The staff chapter has been restructured as of the Facts and Figures 2020 and does now contain data on full-time employees. Another new feature here is the five-year trend by faculty.

Data is further presented through the use of tables and graphs to show the development of students, graduates, staff, and finances at TU Braunschweig over the past five years.

The figures are supplemented by online information at <https://www.tubraunschweig.de/en/tu-braunschweig/our-profile/facts-figures/translate-to-english-tubraunschweig-in-zahlen>. The Leporello, which appeared for the first time last year, will also be available again.

If you have any questions or suggestions regarding the figures, please contact the University Controlling department in good confidence.

The world of numbers at Technische Universität Braunschweig should give you many interesting insights.



Dietmar Smyrek

Vice President for Human Resources, Finance and Infrastructure of Technische Universität Braunschweig

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TU Braunschweig in figures

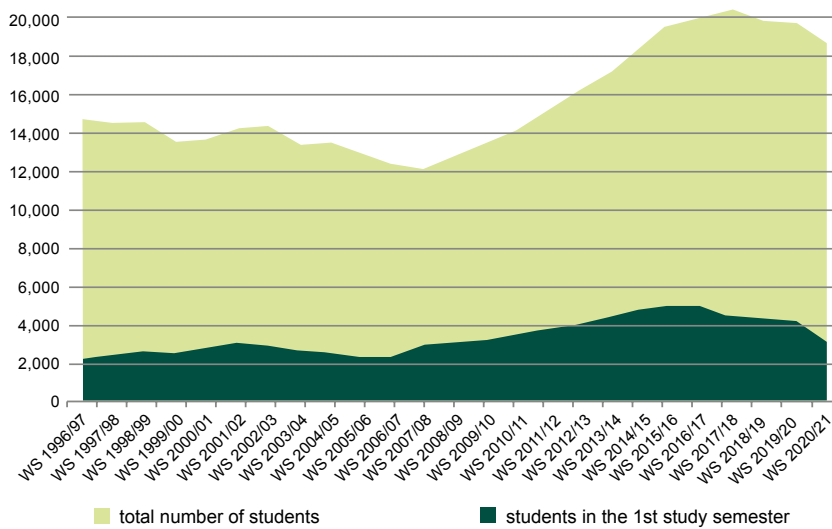
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1 Students

1.1 Students, total

Total number of students and students in the 1st study semester of the past 25 years



	Total number of students	Students in the 1st study semester
WS 1996/1997	14,699	2,109
WS 1997/1998	14,454	2,320
WS 1998/1999	14,517	2,451
WS 1999/2000	13,509	2,327
WS 2000/2001	13,542	2,657
WS 2001/2002	14,166	2,946
WS 2002/2003	14,272	2,809
WS 2003/2004	13,318	2,499
WS 2004/2005	13,444	2,377
WS 2005/2006	12,854	2,156
WS 2006/2007	12,310	2,187
WS 2007/2008	12,017	2,791
WS 2008/2009	12,684	2,930
WS 2009/2010	13,379	3,075
WS 2010/2011	14,108	3,375
WS 2011/2012	15,204	3,667
WS 2012/2013	16,304	3,860
WS 2013/2014	17,195	4,360
WS 2014/2015	18,474	4,730
WS 2015/2016	19,508	5,043
WS 2016/2017	20,029	4,947
WS 2017/2018	20,116	4,570
WS 2018/2019	19,980	4,493
WS 2019/2020	19,694	4,317
WS 2020/2021	18,566	3,613

Development of the total number of students by faculty

WS 2016/2017							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	3,307	2,931	3,833	5,435	1,899	2,624	20,029
Women	1,219	1,875	1,519	798	290	1,910	7,611
STEM	2,144	2,411	3,833	5,435	1,899	477	16,199
STEM women	540	1,445	1,519	798	290	328	4,920

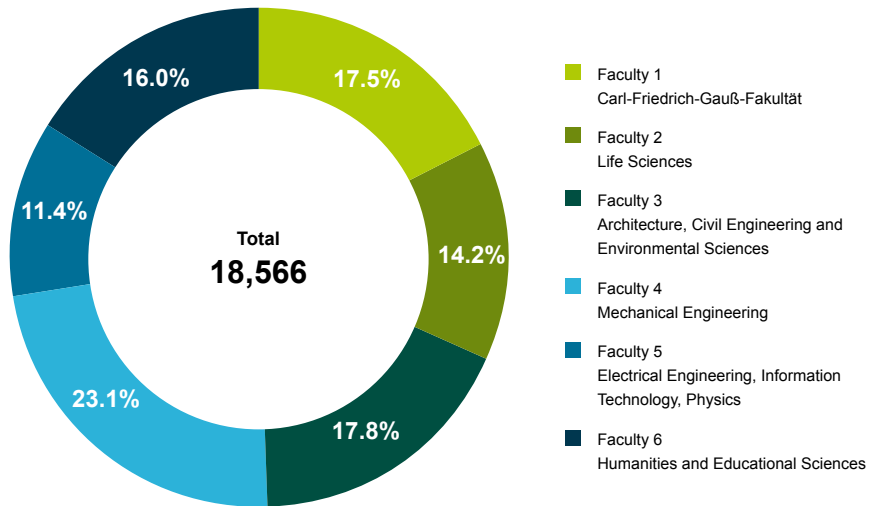
WS 2017/2018							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	3,341	2,904	3,785	5,348	1,991	2,747	20,116
Women	1,215	1,881	1,526	813	312	1,943	7,690
STEM	2,136	2,385	3,785	5,348	1,991	511	16,156
STEM women	515	1,442	1,526	813	312	331	4,939

WS 2018/2019							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	3,430	2,834	3,800	4,927	2,031	2,958	19,980
Women	1,257	1,833	1,577	780	347	2,087	7,881
STEM	2,142	2,333	3,800	4,927	2,032	556	15,790
STEM women	507	1,413	1,577	780	347	364	4,988

WS 2019/2020							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	3,555	2,767	3,553	4,659	2,103	3,057	19,694
Women	1,343	1,789	1,531	788	348	2,156	7,955
STEM	2,195	2,278	3,553	4,659	2,103	580	15,368
STEM women	520	1,381	1,531	788	348	391	4,959

WS 2020/2021							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	3,250	2,645	3,314	4,282	2,112	2,963	18,566
Women	1,232	1,755	1,435	752	381	2,075	7,631
STEM	2,024	2,161	3,314	4,282	2,112	556	14,449
STEM women	475	1,345	1,435	752	381	365	4,753

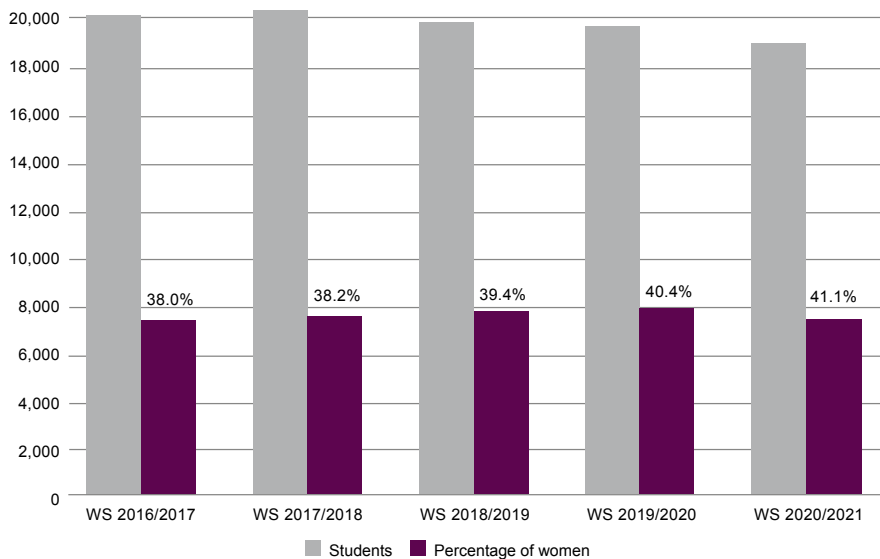
Total number of students by faculty in the winter semester 2020/2021



	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students	3,250	2,645	3,314	4,282	2,112	2,963	18,566
Percentage*	17.5%	14.2%	17.8%	23.1%	11.4%	16.0%	100.0%

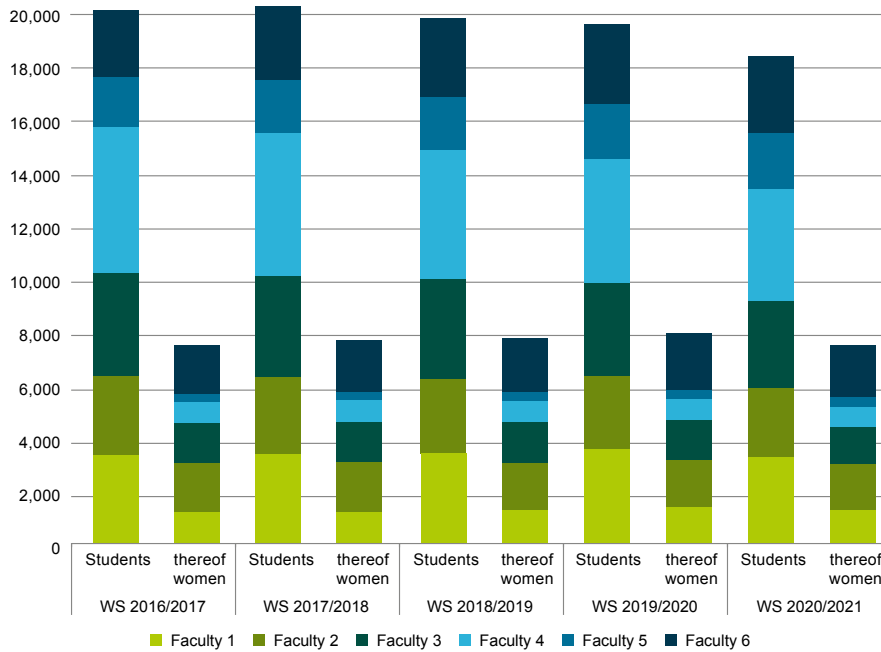
* Share in the total number of students

Development of the total number of students



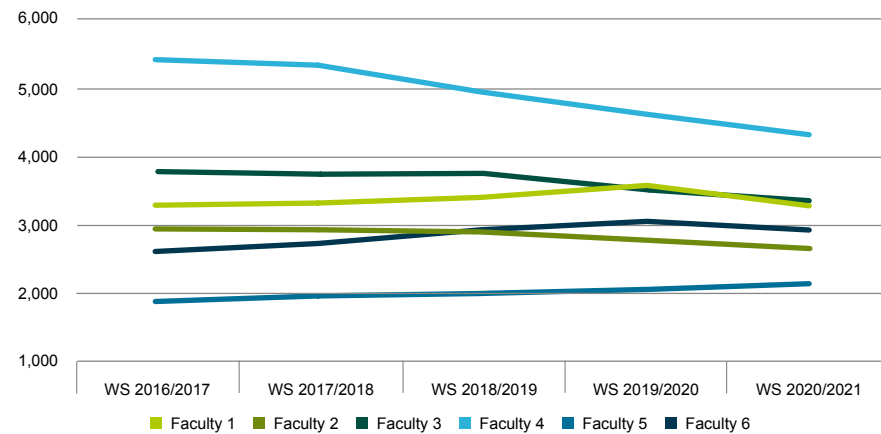
	WS 2016/2017	WS 2017/2018	WS 2018/2019	WS 2019/20	WS 2020/2021
Students, total	20,029	20,116	19,980	19,694	18,566
Women	7,611	7,690	7,881	7,955	7,631
Percentage of women	38.0%	38.2%	39.4%	40.4%	41.1%

Development of the total number of students by faculty



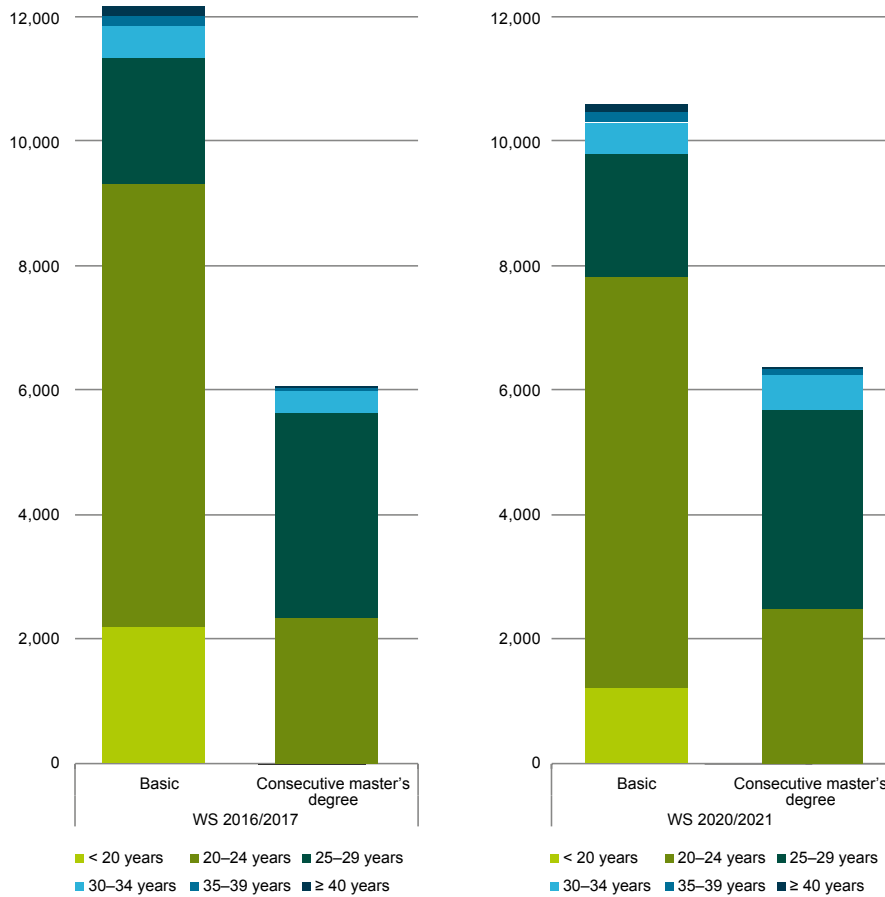
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Development of the total number of students by faculty



For figures, see page 2

Age of the total students by study programmes in the WS 2016/2017 and WS 2020/2021



Basic study programmes

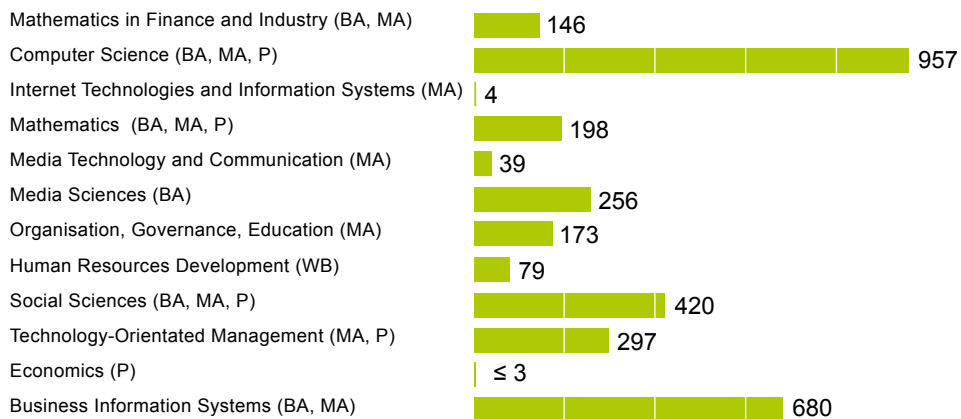
	Age	< 20	20-24	25-29	30-34	35-39	≥ 40	Total
WS 2016/2017	Students	2,186	7,154	2,038	520	174	156	12,228
	Percentage	17.9%	58.5%	16.7%	4.3%	1.4%	1.3%	100.0%
WS 2020/2021	Students	1,198	6,632	1,979	519	165	136	10,629
	Percentage	11.3%	62.4%	18.6%	4.9%	1.6%	1.3%	100.0%

Consecutive master's degree

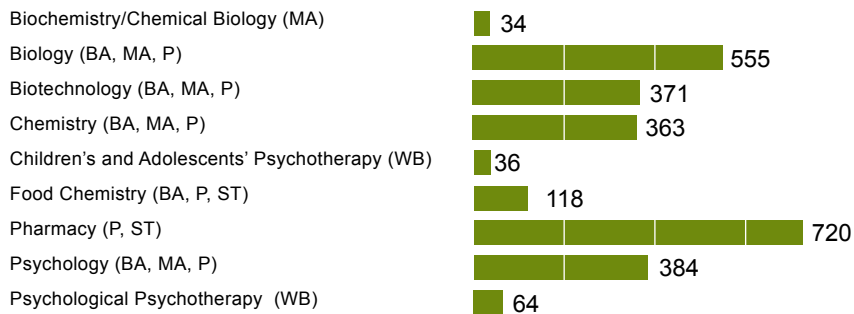
	Age	< 20	20-24	25-29	30-34	35-39	≥ 40	Total
WS 2016/2017	Students	0	2,346	3,305	366	61	30	6,108
	Percentage	0.0%	38.4%	54.1%	6.0%	1.0%	0.5%	100.0%
WS 2020/2021	Students	≤ 3	2,496	3,204	571	111	35	6,419
	Percentage	0.0%	38.9%	49.9%	8.9%	1.7%	0.5%	100.0%

Number of students by study programmes in the winter semester 2020/2021

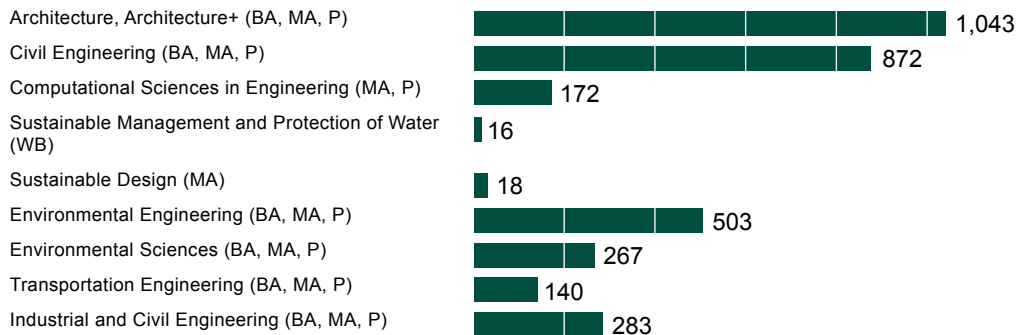
Faculty 1 | Carl-Friedrich-Gauß-Fakultät



Faculty 2 | Life Sciences



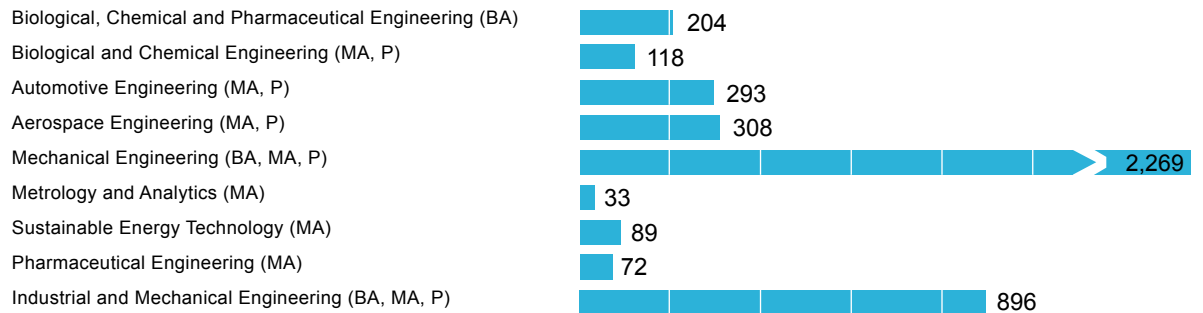
Faculty 3 | Architecture, Civil Engineering and Environmental Sciences



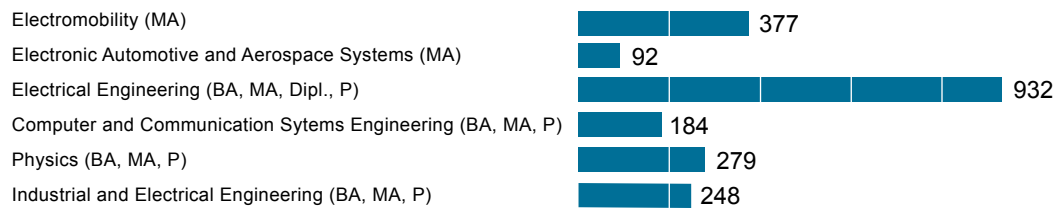
Architecture+: 8 semesters Bachelor's Degree incl. one year abroad

Number of students by study programmes in the winter semester 2020/2021

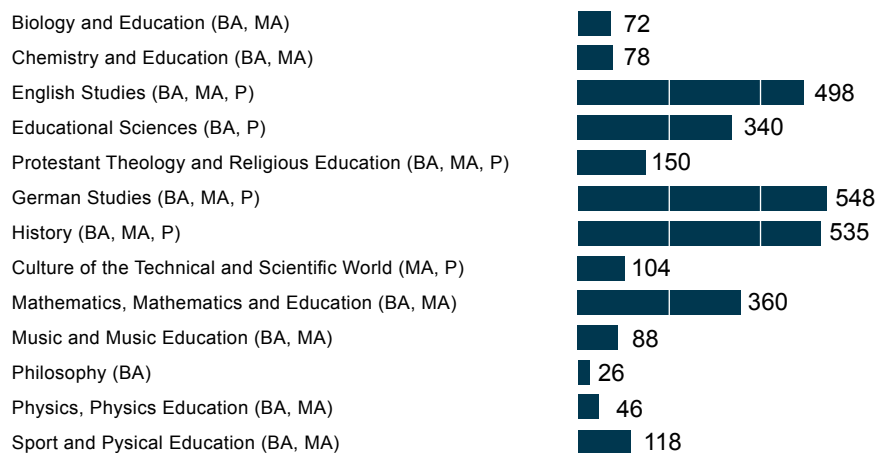
Faculty 4 | Mechanical Engineering



Faculty 5 | Electrical Engineering, Information Technology, Physics



Faculty 6 | Humanities and Educational Sciences

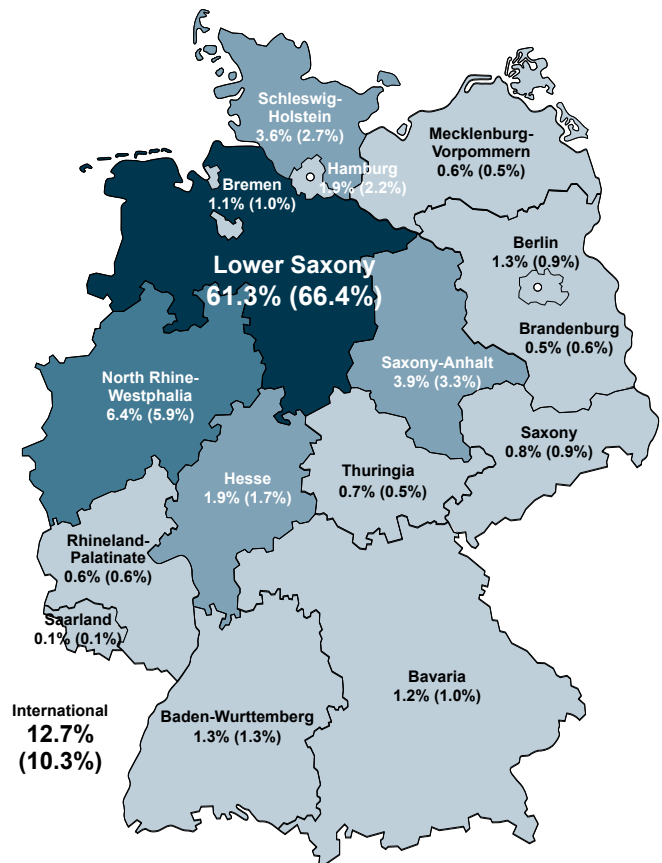
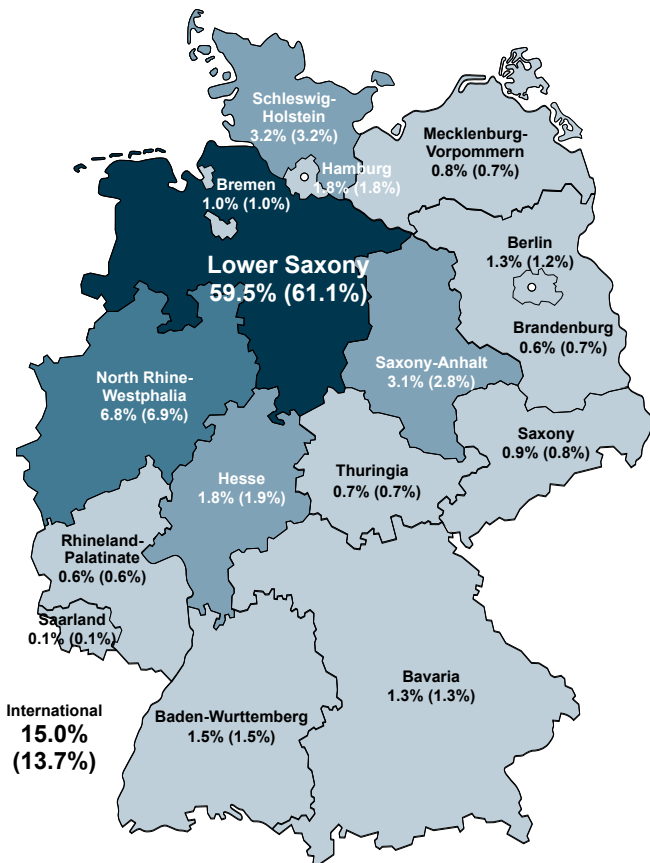


BA Bachelor's Degree/Double MA Master's Degree ST State examination
 Dipl. Major Bachelor's Degree Diploma P Doctorate WB Continuing education

Origin* of the students in the winter semester 2020/2021

Students, total

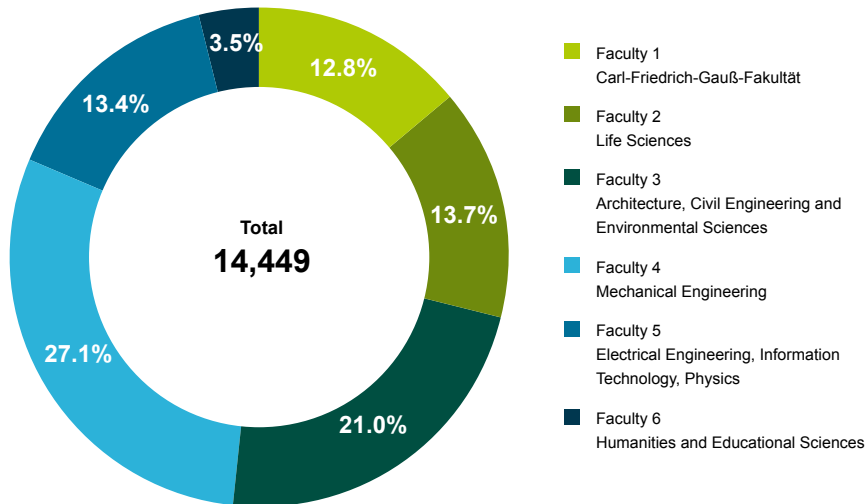
Students in the 1st study semester



© http://www.kartenwelten.de/uploads/media/D_Bundeslaender_01.eps

*Origin refers to the state where the students acquired their university access qualification. (%) prior year's figures

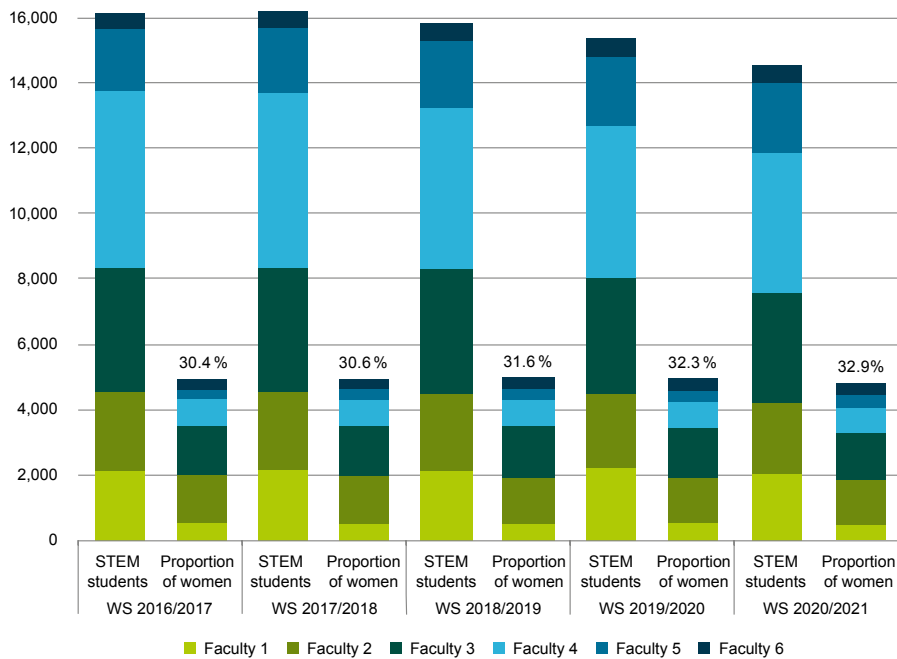
STEM students by faculty in the winter semester 2020/2021



	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
STEM students	2,024	2,161	3,314	4,282	2,112	556	14,449
Percentage*	12.8%	13.7%	21.0%	27.1%	13.4%	3.5%	100.0%

* Total share of STEM students

Development of STEM students by faculty



For figures, see page 2

1.2 Students in the 1st study semester

Students in the 1st study semester (FS) for the reporting years* 2016 bis 2020

2016							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students in the 1st FS	1,170	835	1,105	1,531	669	925	6,235
Women	470	546	474	229	125	682	2,526
STEM	811	697	1,105	1,531	669	214	5,027
STEM women	245	424	474	229	125	154	1,651

2017							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students in the 1st FS	1,031	809	997	1,359	651	904	5,751
Women	396	529	430	238	123	633	2,349
STEM	677	673	997	1,359	651	204	4,561
STEM women	197	414	430	238	123	127	1,529

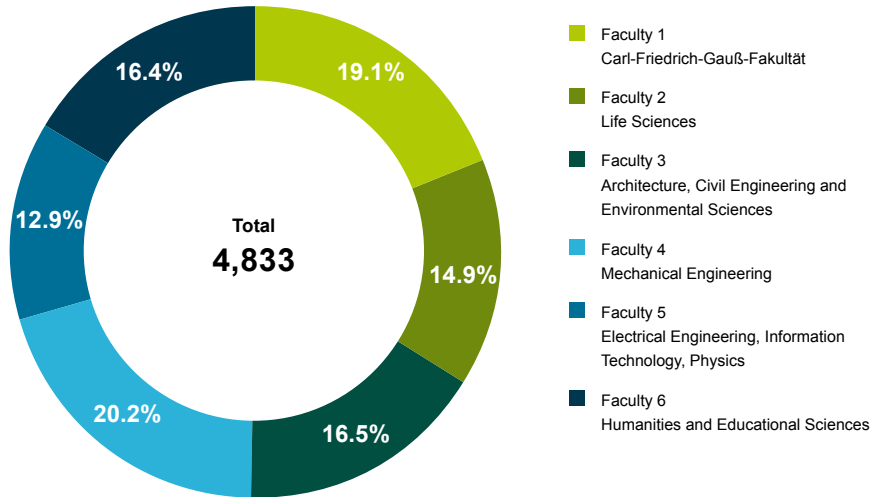
2018							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students in the 1st FS	1,149	766	1,019	1,147	611	1,024	5,716
Women	450	496	447	208	136	726	2,463
STEM	737	637	1,019	1,147	611	236	4,387
STEM women	197	386	447	208	136	163	1,537

2019							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students in the 1st FS	1,131	789	874	1,080	718	979	5,571
Women	440	515	414	237	128	721	2,455
STEM	767	660	874	1,080	718	205	4,304
STEM women	218	405	414	237	128	148	1,550

2020							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students in the 1st FS	924	718	798	978	624	791	4,833
Women	393	468	337	174	129	573	2,074
STEM	639	589	798	978	624	177	3,805
STEM women	197	362	337	174	129	112	1,311

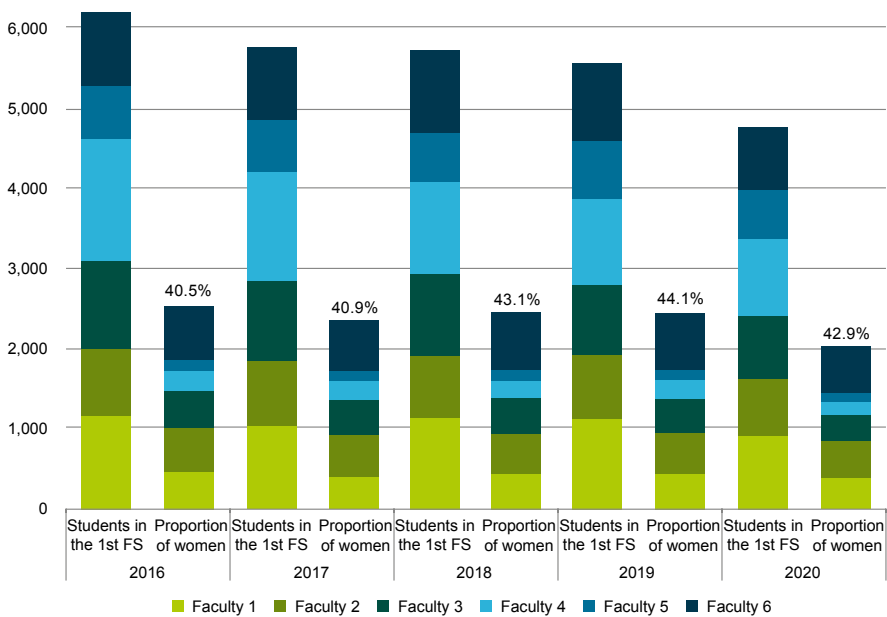
* Reporting year: Summer semester plus subsequent winter semester (e.g. reporting year, 2020: SuSe 2020 + WS 2020/2021)

Students in the 1st study semester by faculty in the reporting year 2020



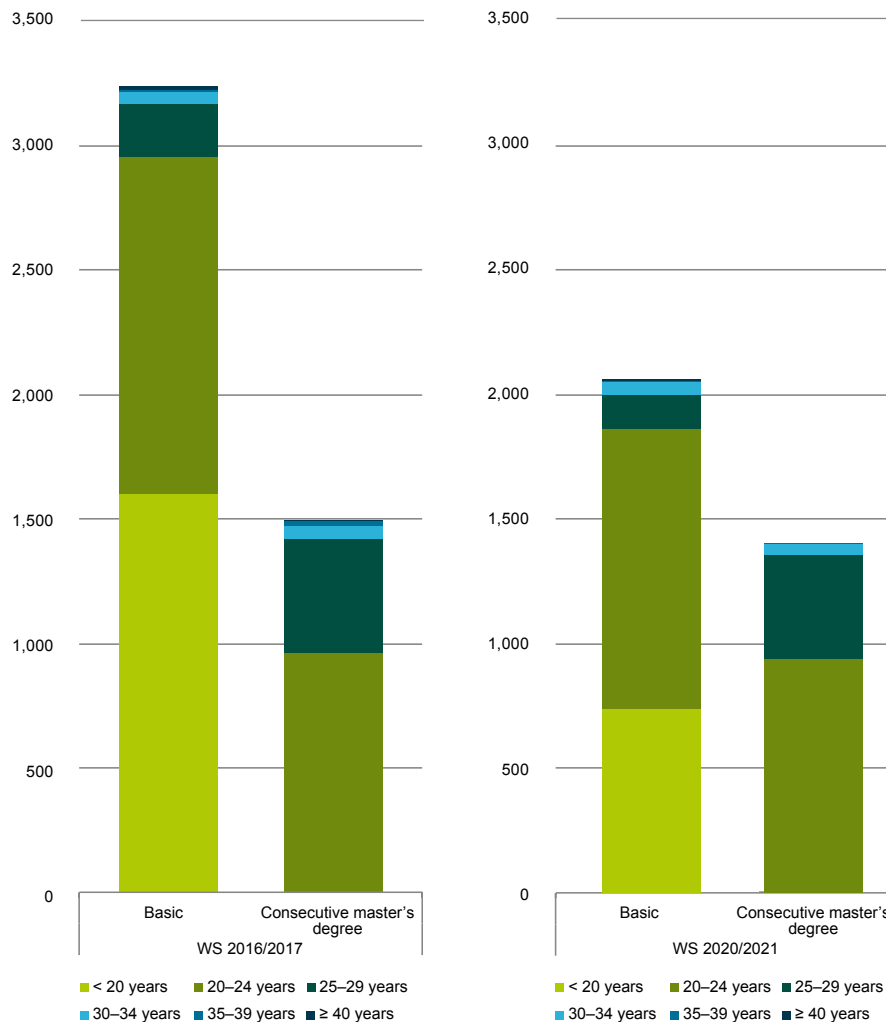
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students in the 1st FS	924	718	798	978	624	791	4,833
Percentage	19.1%	14.9%	16.5%	20.2%	12.9%	16.4%	100.0%

Development of students in the 1st study semester by faculty per reporting year



For figures, see page 10

**Age of students in the 1st study semester by study programmes
in the WS 2016/2017 and WS 2020/2021**



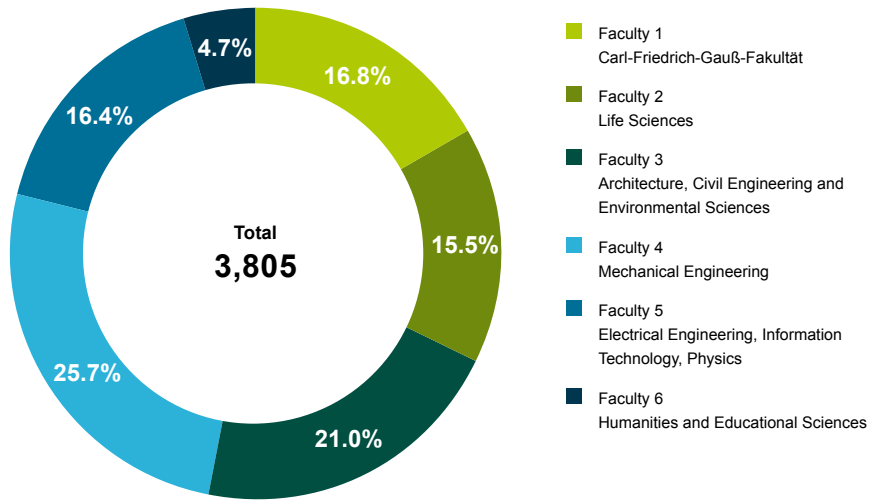
Basic study programmes

	Age	< 20	20-24	25-29	30-34	35-39	≥ 40	Total
WS 2016/2017	Students in the 1st FS	1,600	1,358	213	45	9	17	3,242
	Percentage	49.4%	41.9%	6.6%	1.4%	0.3%	0.5%	100.0%
WS 2020/2021	Students in the 1st FS	738	1,127	141	53	9	10	2,078
	Percentage	35.5%	54.2%	6.8%	2.6%	0.4%	0.5%	100.0%

Consecutive master's degree

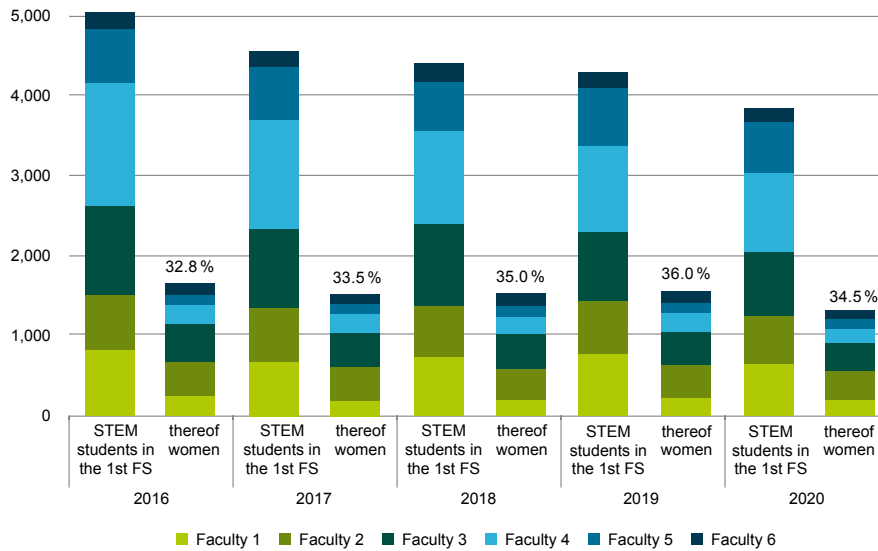
	Age	< 20	20-24	25-29	30-34	35-39	≥ 40	Total
WS 2016/2017	Students in the 1st FS	0	959	461	53	17	7	1,497
	Percentage	0.0%	64.1%	30.8%	3.5%	1.1%	0.5%	100.0%
WS 2020/2021	Students in the 1st FS	≤ 3	939	417	49	7	≤ 3	1,417
	Percentage	0.0%	66.3%	29.4%	3.5%	0.5%	0.2%	100.0%

STEM students in the 1st study semester by faculty in the reporting year 2020



For figures, see page 10

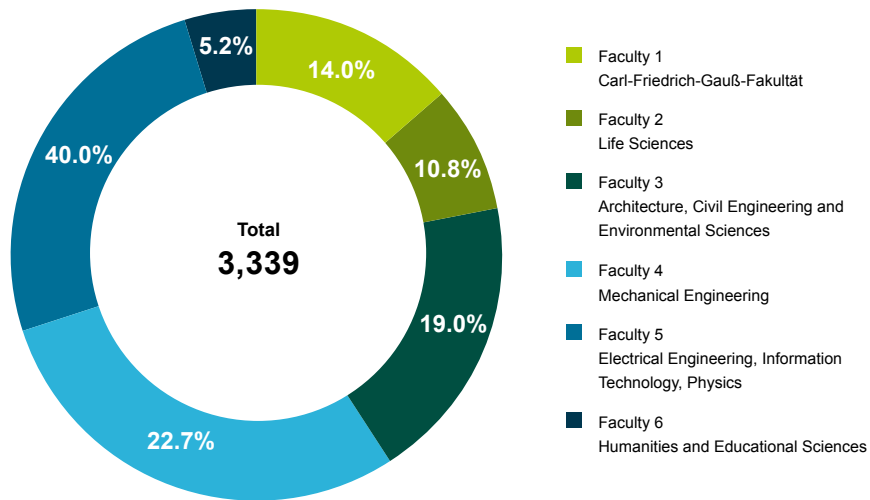
Development of STEM students in the 1st study semester by faculty per reporting year



For figures, see page 10

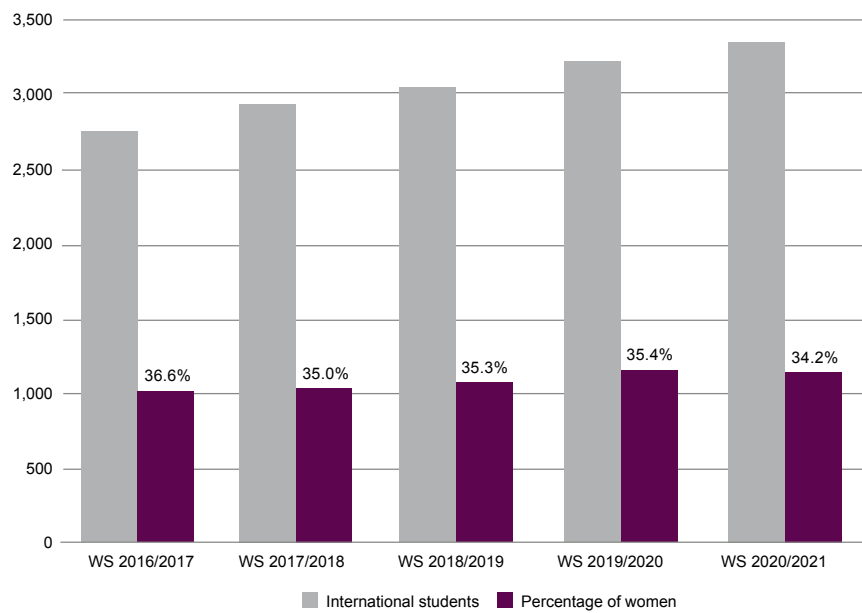
1.3 International Students

International students in the winter semester 2020/2021



For figures, see page 15

Development of international students



	WS 2016/2017	WS 2017/2018	WS 2018/2019	WS 2019/2020	WS 2020/2021
International students, total	2,771	2,941	3,090	3,277	3,339
Women	1,015	1,030	1,092	1,160	1,141
Percentage of women	36.6%	35.0%	35.3%	35.4%	34.2%

Development of international students by faculty

WS 2016/2017							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	3,307	2,931	3,833	5,435	1,899	2,624	20,029
International students	364	290	595	976	417	129	2,771
Percentage*	11.0%	9.9%	15.5%	18.0%	22.0%	4.9%	13.8%
Woman among total students	1,219	1,875	1,519	798	290	1,910	7,611
Women among international students	176	193	211	220	110	105	1,015
Percentage*	14.4%	10.3%	13.9%	27.6%	37.9%	5.5%	13.3%

WS 2017/2018							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	3,341	2,904	3,785	5,348	1,991	2,747	20,116
International students	375	302	608	1,040	470	146	2,941
Percentage*	11.2%	10.5%	16.1%	19.4%	23.6%	5.3%	14.6%
Woman among total students	1,215	1,881	1,526	813	312	1,943	7,690
Women among international students	163	195	211	230	112	119	1,030
Percentage*	13.4%	10.4%	13.8%	28.3%	35.9%	6.1%	13.4%

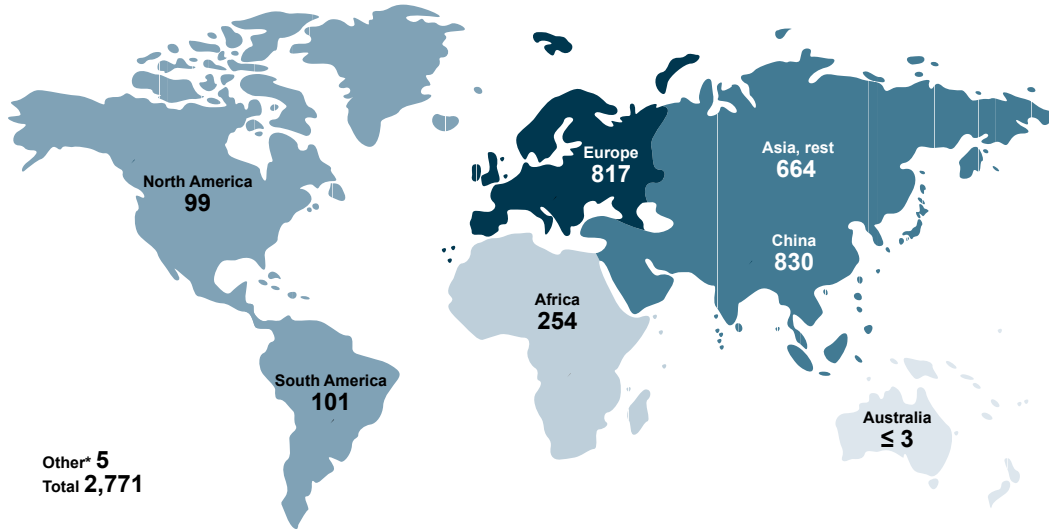
WS 2018/2019							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	3,430	2,834	3,800	4,927	2,031	2,958	19,980
International students	398	293	667	1,009	552	171	3,090
Percentage*	11.6%	10.3%	17.6%	20.5%	27.2%	5.8%	15.5%
Woman among total students	1,257	1,833	1,577	780	347	2,087	7,881
Women among international students	177	190	233	228	125	139	1,092
Percentage*	14.1%	10.4%	14.8%	29.2%	36.0%	6.7%	13.9%

WS 2019/2020							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	3,555	2,767	3,553	4,659	2,103	3,057	19,694
International students	452	303	647	1,027	680	168	3,277
Percentage*	12.7%	11.0%	18.2%	22.0%	32.3%	5.5%	16.6%
Woman among total students	1,343	1,789	1,531	788	348	2,156	7,955
Women among international students	212	200	237	234	139	138	1,160
Percentage*	15.8%	11.2%	15.5%	29.7%	39.9%	6.4%	14.6%

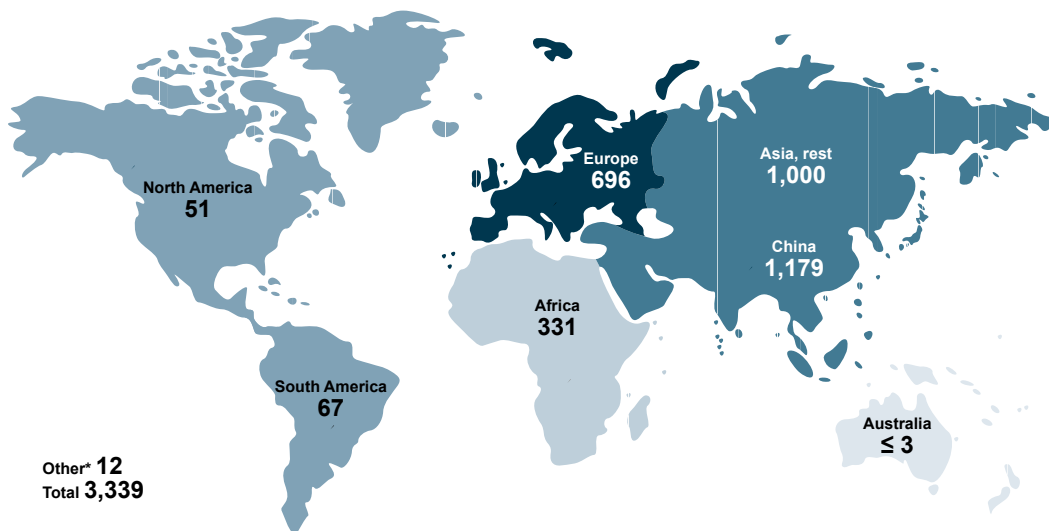
WS 2020/2021							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	3,250	2,645	3,314	4,282	2,112	2,963	18,566
International students	455	285	629	971	845	154	3,339
Percentage*	14.0%	10.8%	19.0%	22.7%	40.0%	5.2%	18.0%
Woman among total students	1,232	1,755	1,435	752	381	2,075	7,630
Women among international students	209	192	225	213	176	126	1,141
Percentage*	17.0%	10.9%	15.7%	28.3%	46.2%	6.1%	15.0%

*of the respective total number of students

Origin of the international students in the winter semester 2016/2017



Origin of the international students in the winter semester 2020/2021

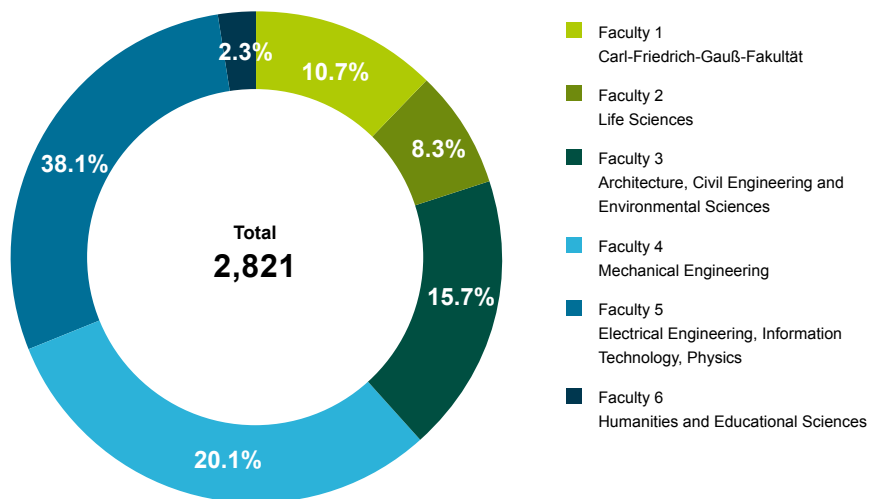


*without nationality, undetermined

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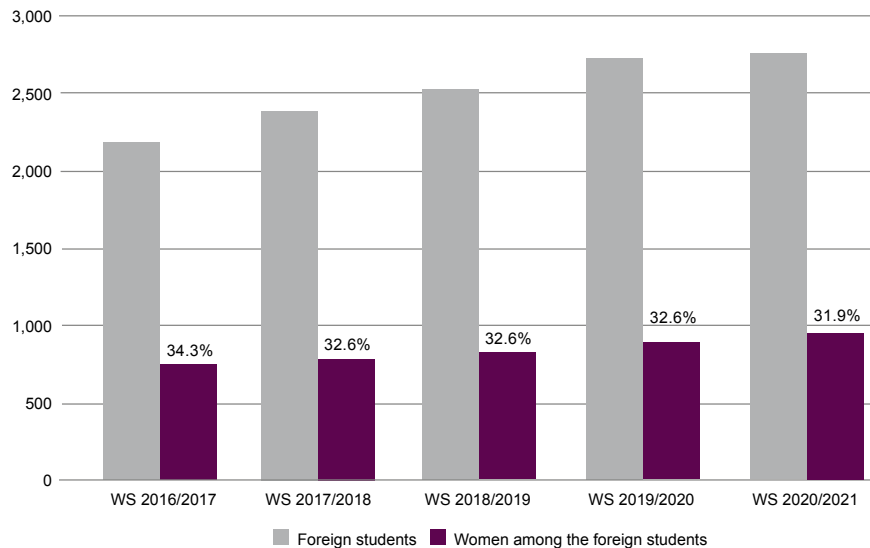
1.4 Foreign students

Foreign students* in the winter semester 2020/2021



For figures, see page 18

Development of foreign students



	WS 2016/2017	WS 2017/2018	WS 2018/2019	WS 2019/2020	WS 2020/2021
Foreign students	2,176	2,378	2,519	2,718	2,821
Women among the foreign students	746	775	820	885	899
Percentage	34.3%	32.6%	32.6%	32.6%	31.9%

Development of foreign students by faculty

WS 2016/2017							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	3,307	2,931	3,833	5,435	1,899	2,624	20,029
Foreign students, total	261	224	471	792	367	61	2,176
Percentage*	7.9%	7.6%	12.3%	14.6%	19.3%	2.3%	10.9%
Women among the students, total	1,219	1,875	1,519	798	290	1,910	7,611
Women among the foreign students	125	148	146	175	98	54	746
Percentage*	10.3%	7.9%	9.6%	21.9%	33.8%	2.8%	9.8%

WS 2017/2018							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	3,341	2,904	3,785	5,348	1,991	2,747	20,116
Foreign students, total	281	248	489	871	425	64	2,378
Percentage*	8.4%	8.5%	12.9%	16.3%	21.3%	2.3%	11.8%
Women among the students, total	1,215	1,881	1,526	813	312	1,943	7,690
Women among the foreign students	117	157	149	195	103	54	775
Percentage*	9.6%	8.3%	9.8%	24.0%	33.0%	2.8%	10.1%

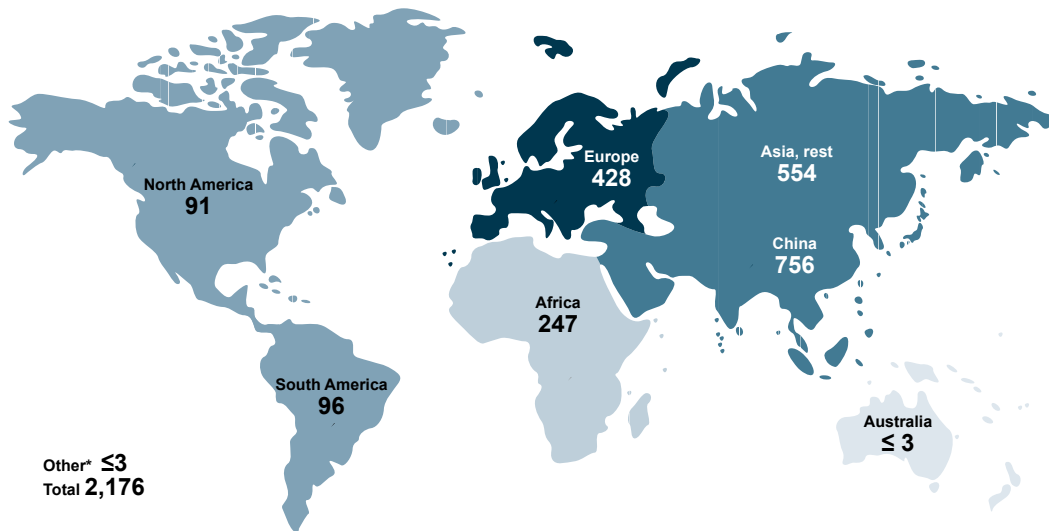
WS 2018/2019							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	3,430	2,834	3,800	4,927	2,031	2,958	19,980
Foreign students, total	291	242	549	855	510	72	2,519
Percentage*	8.5%	8.5%	14.4%	17.4%	25.1%	2.4%	12.6%
Women among the students, total	1,257	1,833	1,577	780	347	2,087	7,881
Women among the foreign students	128	154	174	188	118	58	820
Percentage*	10.2%	8.4%	11.0%	24.1%	34.0%	2.8%	10.4%

WS 2019/2020							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	3,555	2,767	3,553	4,659	2,103	3,057	19,694
Foreign students, total	341	245	531	889	639	73	2,718
Percentage*	9.6%	8.9%	14.9%	19.1%	30.4%	2.4%	13.8%
Women among the students, total	1,343	1,789	1,531	788	348	2,156	7,955
Women among the foreign students	158	160	179	199	131	58	885
Percentage*	11.8%	8.9%	11.7%	25.3%	37.6%	2.7%	11.1%

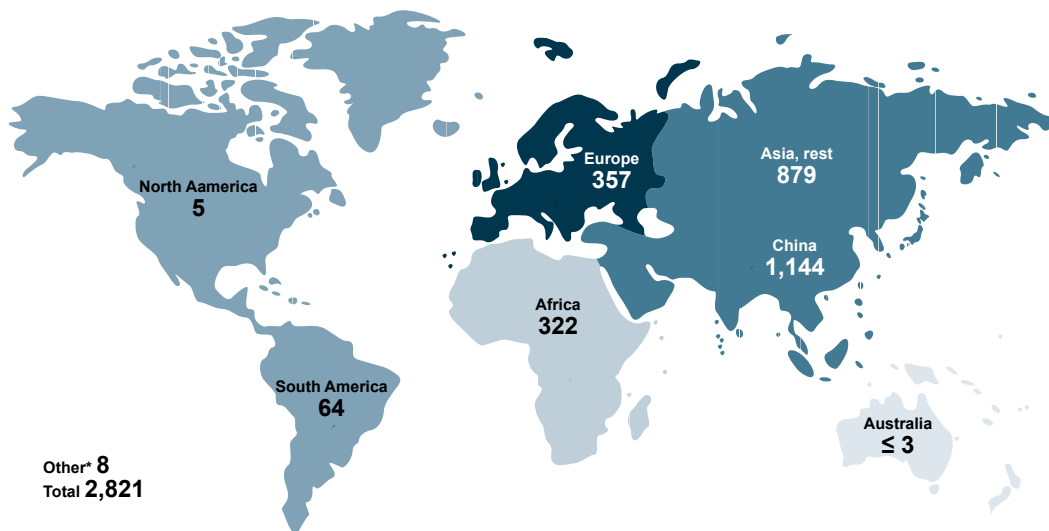
WS 2020/2021							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Students, total	3,250	2,645	3,314	4,282	2,112	2,963	18,566
Foreign students, total	348	219	520	862	805	67	2,821
Percentage*	10.7%	8.3%	15.7%	20.1%	38.1%	2.3%	15.2%
Women among the students, total	1,232	1,755	1,435	752	381	2,075	7,630
Women among the foreign students	165	144	178	190	169	53	899
Percentage*	13.4%	8.2%	12.4%	25.3%	44.4%	2.6%	11.8%

*to the respective total number of students

Origin of the foreign students in the winter semester 2016/2017



Origin of the foreign students in the winter semester 2020/2021

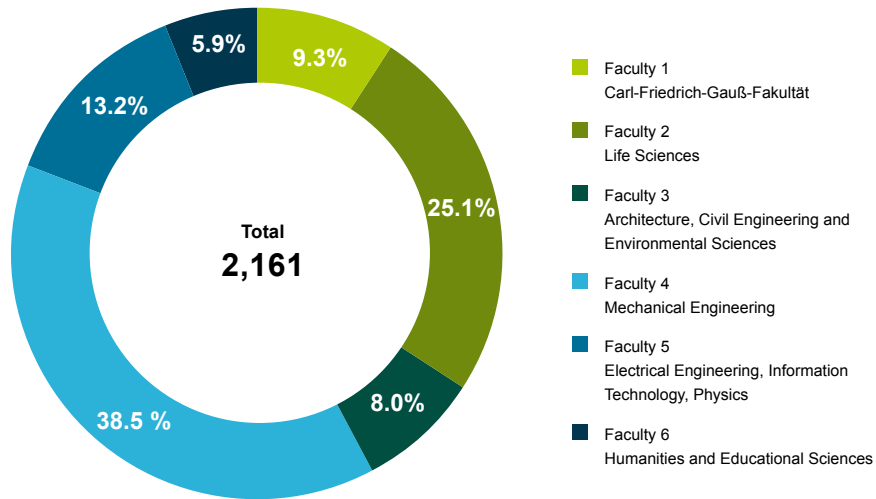


*without nationality, undetermined

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2 Doctoral candidates

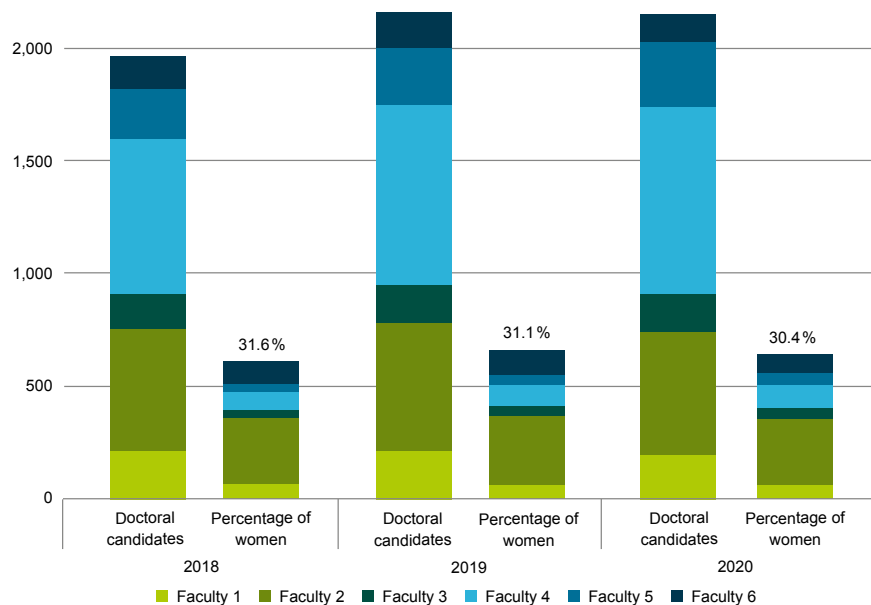
2.1 Doctoral candidates, total



	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Doctoral candidates	200	543	173	832	286	127	2,161
Percentage	9.3%	25.1%	8.0%	38.5%	13.2%	5.9%	100.0%

Source: University finance statistics from the Federal Office of Statistics
 Status: December 1st, 2020

Development of doctoral candidates by faculty per reporting year



For figures, see page 21

Development of doctoral candidates by faculty

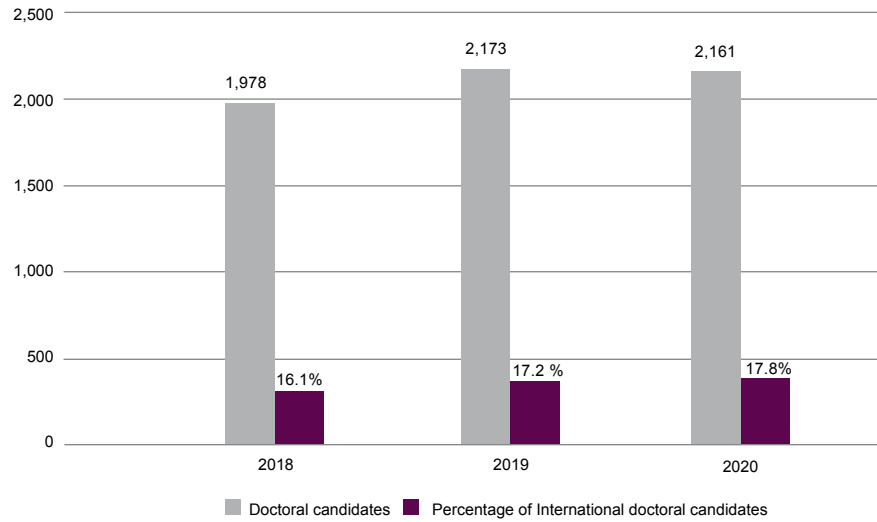
2018							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Doctoral candidates	217	546	154	691	220	150	1,978
International doctoral candidates	23	96	59	69	54	17	318
Percentage*	10.6%	17.6%	38.3%	10.0%	24.5%	11.3%	16.1%
Women among the doctoral candidates	66	294	41	80	43	101	625
Women among the international doctoral candidates	9	54	17	11	17	15	123
Percentage*	13.6%	18.4%	41.5%	13.8%	39.5%	14.9%	19.7%

2019							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Doctoral candidates	218	565	172	801	252	165	2,173
International doctoral candidates	21	113	63	94	64	18	373
Percentage*	9.6%	20.0%	36.6%	11.7%	25.4%	10.9%	17.2%
Women among the doctoral candidates	64	302	53	100	46	111	676
Women among the international doctoral candidates	8	65	21	17	19	15	145
Percentage*	12.5%	21.5%	39.6%	17.0%	41.3%	13.5%	21.4%

2020							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Doctoral candidates	200	543	173	832	286	127	2,161
International doctoral candidates	23	113	59	108	70	12	385
Percentage*	11.5%	20.8%	34.1%	13.0%	24.5%	9.4%	17.8%
Women among the doctoral candidates	62	295	50	109	56	84	656
Women among the international doctoral candidates	9	73	21	20	20	10	153
Percentage*	14.5%	24.7%	42.0%	18.3%	35.7%	11.9%	23.3%

*Share in the total number of doctoral candidates

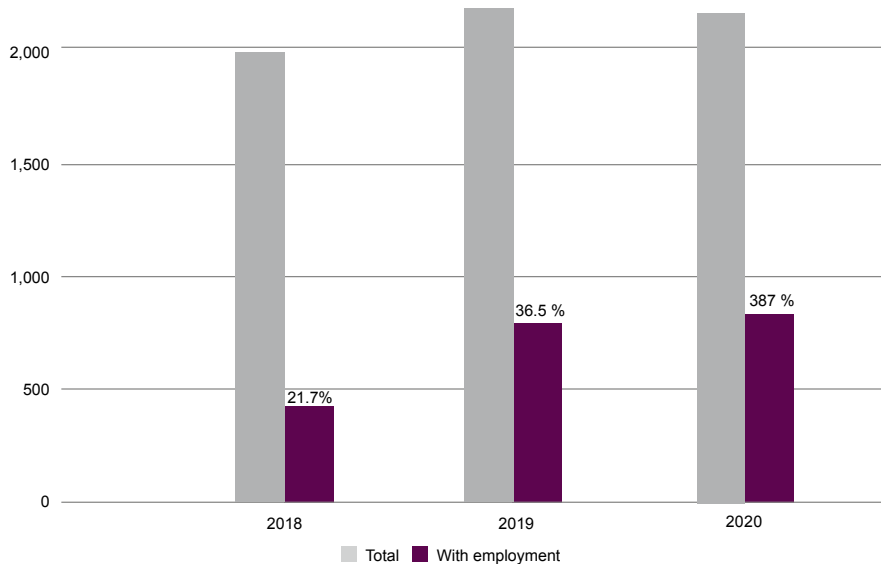
2.2 International doctoral candidates



For figures, see page 21

2.3 Doctoral candidates by employment

Development of doctoral candidates by employment

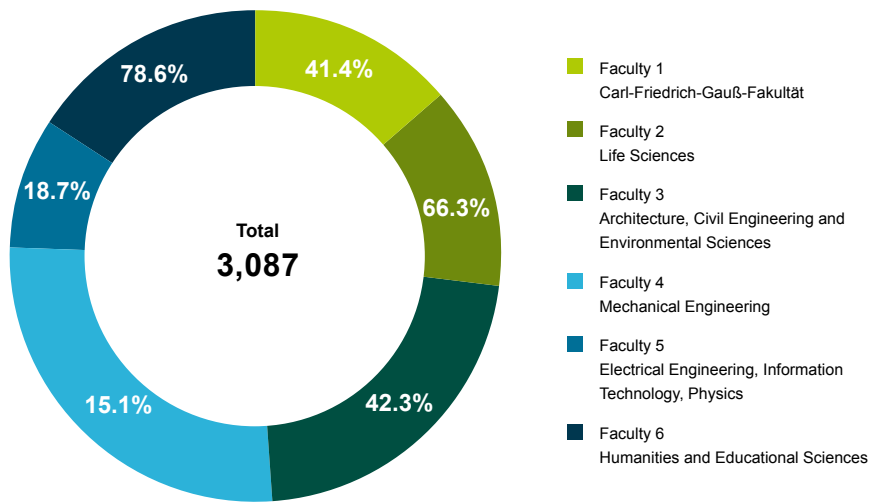


	2018	2019	2020
Total	1,978	2,173	2,161
With employment	429	794	836
Share of employees	21.7%	36.5%	38.7%

3 Graduates

3.1 Graduates, total

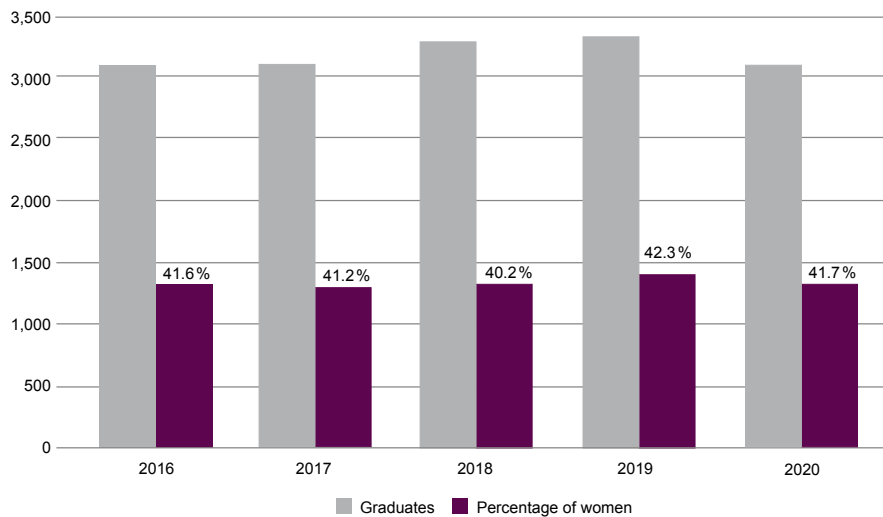
Graduates in the examination year 2020



Graduates including state examination, without doctorates,
 Examination year: WS + SuSe (e.g. examination year 2020: WS 2019/2020 + SuSe 2020)

For figures, see page 24

Development of graduates



	2016	2017	2018	2019	2020
Graduates	3,131	3,157	3,322	3,330	3,087
Women	1,303	1,302	1,336	1,408	1,288
Percentage of women	41.6%	41.2%	40.2%	42.3%	41.7%

Graduates including state examination, without doctorates

Development of graduates by faculty

2016							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Graduates	335	569	646	902	252	427	3,131
Women among graduates	130	404	287	110	33	339	1,303
Graduates STEM	210	460	646	902	252	93	2,563
Women among graduates STEM	53	303	287	110	33	71	857
International graduates STEM	27	19	76	130	43	12	307
Women among international Graduates STEM	15	14	26	21	11	8	95

2017							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Graduates	376	462	636	932	262	489	3,157
Women among graduates	163	304	261	141	43	390	1,302
Graduates STEM	206	375	636	932	262	89	2,500
Women among graduates STEM	66	234	261	141	43	65	810
International graduates STEM	52	27	75	130	59	16	359
Women among international Graduates STEM	33	17	18	35	13	13	129

2018							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Graduates	392	458	675	1,028	264	505	3,322
Women among graduates	158	320	271	150	38	399	1,336
Graduates STEM	242	344	675	1,028	264	114	2,667
Women among graduates STEM	67	222	271	150	38	84	832
International graduates STEM	35	16	85	156	48	11	351
Women among international Graduates STEM	18	13	29	32	15	9	116

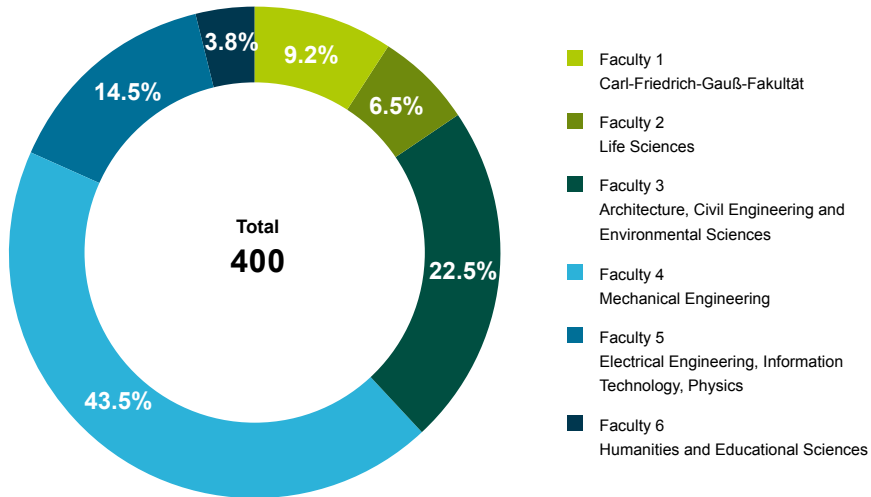
2019							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Graduates	407	519	717	900	309	478	3,330
Women among graduates	170	357	314	150	53	364	1,408
Graduates STEM	229	414	717	900	309	107	2,676
Women among graduates STEM	63	264	314	150	53	74	918
International graduates STEM	40	21	88	140	68	13	370
Women among international Graduates STEM	22	15	26	39	20	12	134

2020							
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
Graduates	423	416	671	829	267	481	3,087
Women among graduates	175	276	284	125	50	378	1,288
Graduates STEM	220	328	671	829	267	102	2,417
Women among graduates STEM	49	204	284	125	50	78	790
International graduates STEM	37	26	90	174	58	15	400
Women among international Graduates STEM	17	17	31	33	13	12	123

Graduates including state examination, without doctorates
 Examination year: WS + SuSe (e.g. examination year 2020: WS 2019/2020 + SuSe 2020)

3.2 International Graduates

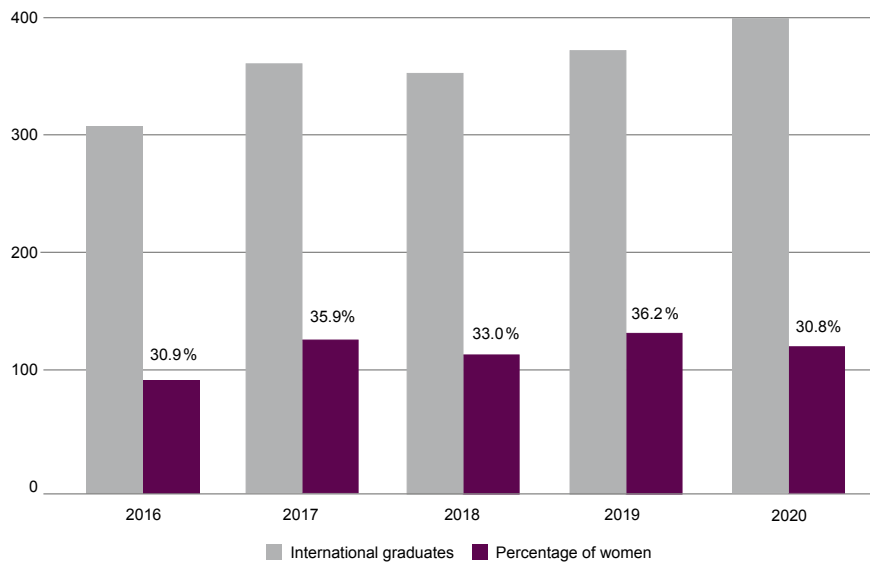
International graduates in the reporting year 2020



Graduates including state examination, no doctorates
 Examination year: WS + SuSe (e.g. examination year 2020: WS 2019/2020 + SuSe 2020)

For figures, see page 24

Development of international graduates

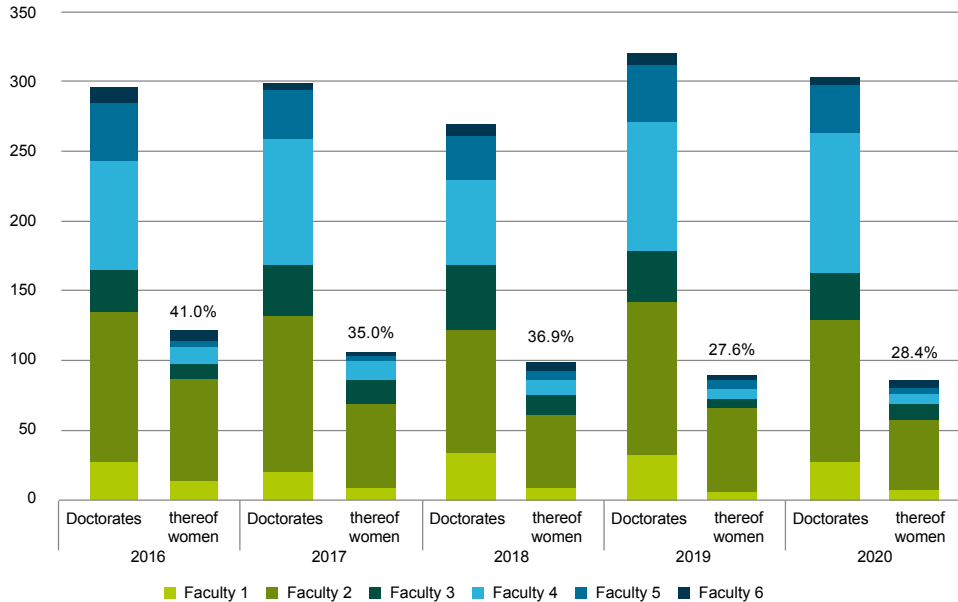


	2016	2017	2018	2019	2020
International graduates	307	359	351	370	400
including women	95	129	116	134	123
Percentage of women	30.9%	35.9%	33.0%	36.2%	30.8%

International graduates including state examination, no doctorates

3.3 Doctorates

Development of number of acquired doctorates



		Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Total
2016	Doctorates	27	107	30	78	42	11	295
	by women	13	73	11	12	4	8	121
2017	Doctorates	20	111	36	90	35	5	297
	by women	8	59	17	14	≤ 3	≤ 3	104
2018	Doctorates	34	87	47	60	32	8	268
	by women	9	52	14	11	6	7	99
2019	Doctorates	32	110	37	93	41	9	322
	by women	5	60	7	7	7	≤ 3	89
2020	Doctorates	28	101	34	100	34	6	303
	by women	8	50	11	7	5	5	86

Examination year: WS + SuSe (e.g. examination year 2020: WS 2019/2020 + SuSe 2020)

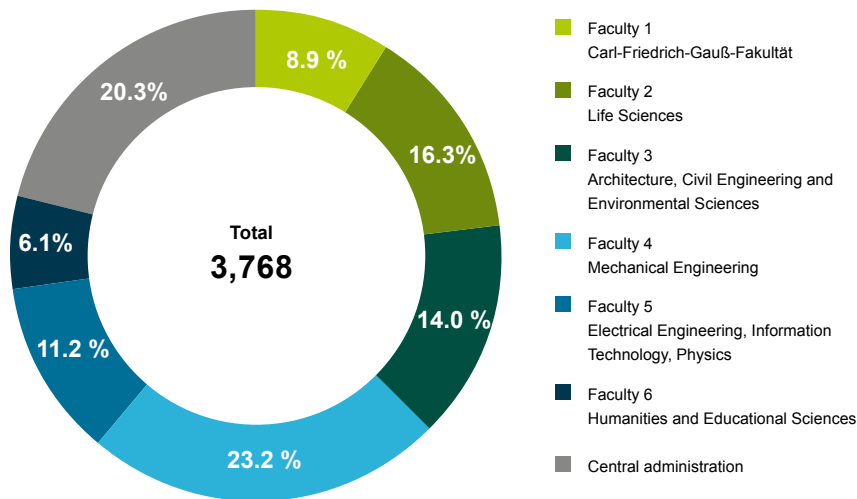
3.4 Postdoctoral degrees

Development of the number of acquired postdoctoral degrees

	2016	2017	2018	2019	2020
Postdoctoral degrees	5	8	4	8	5
by women	≤ 3	≤ 3	0	≤ 3	≤ 3

4 Staff

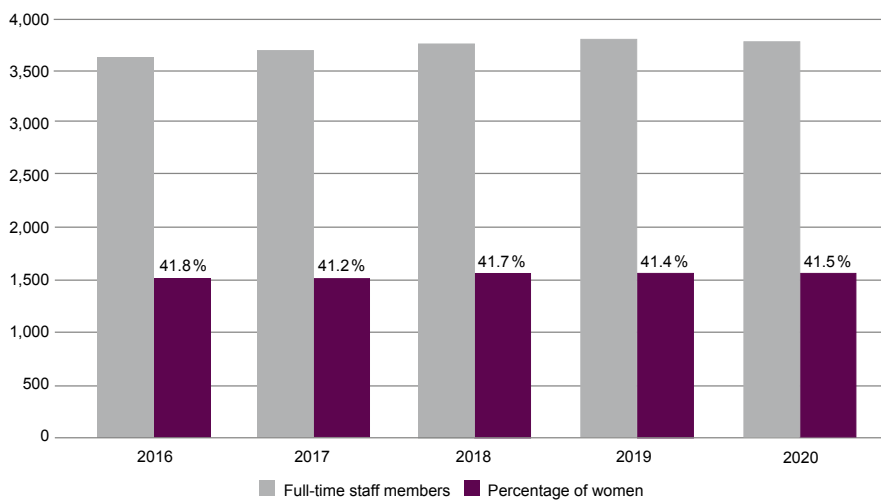
Full-time staff members in the year 2020 (head count)



2020								Total
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Central administration	
Full-time staff	334	616	527	876	422	228	765	3,768
Percentage*	8.9%	16.3%	14.0%	23.2%	11.2%	6.1%	20.3%	100.0%

Source: University statistics 2020; State Statistical Office for Lower Saxony (LSN) | Deadline: December 1st, 2020

Development of full-time staff members



	2016	2017	2018	2019	2020
Full-time staff members	3,618	3,683	3,747	3,791	3,768
Women	1,514	1,516	1,564	1,568	1,565
Percentage of women*	41.8%	41.2%	41.7%	41.4%	41.5%

* to the respective total number of full-time staff members

Development of full-time staff members by faculty

2016								
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Centr. admin	Total
Full-time staff members	330	624	499	791	400	230	744	3,618
Women	127	349	186	175	101	150	426	1,514
Percentage of women*	38.5%	55.9%	37.3%	22.1%	25.3%	65.2%	57.3%	41.8%

2017								
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Centr. admin	Total
Full-time staff members	344	621	511	834	400	233	740	3,683
Women	117	331	194	199	100	150	425	1,516
Percentage of women*	34.0%	53.3%	38.0%	23.9%	25.0%	64.4%	57.4%	41.2%

2018								
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Centr. admin	Total
Full-time staff members	343	622	520	869	408	233	752	3,747
Women	123	341	210	208	102	150	430	1,564
Percentage of women*	35.9%	54.8%	40.4%	23.9%	25.0%	64.4%	57.2%	41.7%

2019								
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Centr. admin	Total
Full-time staff members	329	623	524	885	431	234	765	3,791
Women	115	344	197	210	108	151	443	1,568
Percentage of women*	35.0%	55.2%	37.6%	23.7%	25.1%	64.5%	57.9%	41.4%

2020								
	Faculty 1	Faculty 2	Faculty 3	Faculty 4	Faculty 5	Faculty 6	Centr. admin	Total
Full-time staff members	334	616	527	876	422	228	765	3,768
Women	118	343	200	208	109	148	439	1,565
Percentage of women*	35.3%	55.7%	38.0%	23.7%	25.8%	64.9%	57.4%	41.5%

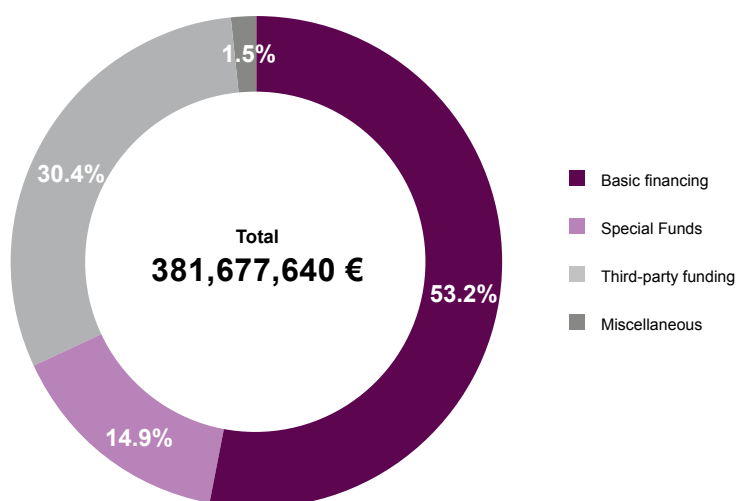
* to the respective total number of full-time staff members

Full-time staff members in 2020 by staff groups

Full-time staff members	Women	Percentage	Men	Percentage	Total
Professors	58	24.1%	183	75.9%	241
Scientific staff	648	31.7%	1,397	68.3%	2,045
Staff members in technology and administration	820	59.3%	563	40.7%	1,383
Trainees	39	39.4%	60	60.6%	99
Total	1,565	41.5%	2,203	58.5%	3,768

5 Finances

Finance volume in 2020



Source: Profit and loss statement (PaL), see page 31

Development of income by origin of funds in 2016 to 2020

	2016	2017	2018	2019	2020
Continuous grant from the state of Lower Saxony	183,229,992	186,897,924	191,496,599	202,559,416	203,211,014
Special funds of the State	43,222,523	47,775,060	47,995,546	52,896,405	56,785,060
<i>Funds from Hochschulpakt 2020</i>	14,722,223	14,191,488	15,148,032	20,397,663	21,722,887
<i>Government funding for educational quality</i>	12,637,676	13,422,759	13,764,382	13,242,822	11,704,864
<i>Other special funds</i>	15,862,624	20,160,814	19,083,132	19,255,920	23,357,309
Third-party funding	90,032,952	93,467,811	101,570,913	116,833,142	115,926,772
<i>Grant research</i>	62,766,879	67,837,025	76,625,154	90,391,535	94,558,995
<i>Contract research</i>	23,736,569	22,921,031	22,833,016	24,366,055	17,092,476
<i>Donations, scholarships and sponsoring</i>	2,347,083	1,836,690	1,038,058	907,874	3,682,521
<i>Continuing education</i>	1,182,422	873,065	1,074,685	1,167,678	592,780
Other	5,721,090	6,698,357	8,480,594	7,586,188	5,754,793
<i>Change in inventory of semi-finished products</i>	-2,102,613	-1,060,673	264,581	-379,077	-1,149,049
Total	322,206,557	334,839,153	349,543,653	379,875,150	381,677,640
Percentage of third-party funding	27.9%	27.9%	29.1%	30.8%	30.4%

Source: Profit and loss statement (PaL), see page 31

5.1 Origin of third-party funding

	2016	2017	2018	2019	2020
Federal	35,254,132 €	36,995,047 €	39,436,415 €	42,935,535 €	46,269,097 €
DFG	22,444,783 €	23,788,331 €	26,942,351 €	31,595,679 €	35,135,430 €
EU	4,660,152 €	5,829,755 €	5,861,681 €	6,663,558 €	6,852,744 €
Commerce	22,360,178 €	22,088,924 €	23,574,185 €	26,973,209 €	21,913,576 €
Other	4,018,272 €	3,825,183 €	4,582,850 €	7,210,491 €	5,010,258 €
Total	88,737,517 €	92,527,240 €	100,397,482 €	115,378,472 €	115,181,105 €

Source: University finance statistics from the Federal Office of Statistics | Status: December 31st, one year
 Deviations between the third-party funding data result from different definitions in the Federal PaL and the University finance statistics.

Origin of third-party funding



5.2 Profit and loss statement (PaL)

	1st January to 31th December 2020 (as of: 15th July 2021)		31th Dec 2019	
	EUR	EUR	EUR	EUR
1. Income from assignments and grant for current expenses				
a) from the State of Lower Saxony from subject chapters funds	201,301,014.49		200,586,415.96	
b) from the State of Lower Saxony from special funds	44,756,418.77		40,067,459.91	
c) from other grant providers	84,366,522.89	330,423,956.15	78,475,189.71	319,129,065.58
2. Income from assignments and subsidies for financing investments				
a) from the State of Lower Saxony from subject chapters funds	1,910,000.00		1,973,000.00	
b) from the State of Lower Saxony from special funds	12,028,641.34		12,828,945.00	
c) from other grant providers	10,192,471.78	24,131,113.12	11,916,345.05	26,718,290.05
3. Income from study fees and long-term study fees		416,000.00		706,000.00
4. Turnover revenues				
a) Income from third-party orders	17,092,475.95		24,366,054.75	
b) Income from continuing education	592,780.31		1,167,677.94	
c) Other income	4,870,173.57	22,555,429.83	5,982,692.03	31,516,424.72
5. Reduction of the inventory of semi-finished products		-1,149,049.49		-379,076.64
6. Other operational income				
a) Income from scholarships	383,136.25		451,776.60	
b) Income from donations and sponsoring	3,299,384.78		456,097.89	
c) Other operating income	29,670,079.88	33,352,600.91	28,494,434.30	29,402,308.79
– including income from dissolution of the special item for investment grants –				
EUR 28,052,410.67 (PY EUR 27,122,675.82) –				
– including income from the dissolution of the special item for study fees				
EUR 0.00 (PY EUR 95,186.26) –				
7. Material expenses/expenses for services received				
a) Expenses for raw, auxiliary and operating materials and other materials	8,075,414.42		9,039,377.70	
b) Expenses for services received	5,249,406.47	13,324,820.89	6,103,997.39	15,143,375.09
8. Funding for staff				
a) Compensation, salaries and remuneration packages	194,377,828.24		187,099,562.98	
b) Social security contributions and expenses for old-age pensions and support	55,992,728.01	250,370,556.25	54,667,930.49	241,767,493.47
– including for old-age pensions EUR 22,059,029.41 (PY EUR 21,777,919.33) –				
9. Depreciations for intangible assets of the investments and fixed assets		27,470,081.67		26,596,501.82
10. Other operating expenses				
a) Management of the buildings and facilities	18,063,244.37		13,964,478.47	
b) Energy, water, sewage and disposal	11,630,944.56		10,509,274.71	
c) Other personnel expenses and teaching assignments	3,277,940.61		7,524,335.44	
d) Use of rights and services	28,249,873.69		29,103,893.12	
e) Business needs and communication	1,028,399.37		1,426,245.01	
f) Student support	1,827,045.98		2,813,930.71	
g) Remaining other expenses	48,231,222.97	112,308,671.55	64,093,170.89	129,435,328.35
– including expenses from addition to the special item for investment grants EUR 35,769,790.57 (PY EUR 37,601,736.15) –				
11. Other interests and income		37,962.26		65,040.76
12. Interests and similar expenses		47,582.23		13,266.61
13. Taxes on income and revenue		571,138.77		526,884.93
14. Result after taxes		5,675,161.42		-6,324,797.01
15. Other taxes		27,165.93		28,306.17
16. Net surplus		5,647,995.49		-6,353,103.18
17. Profit carryforward		0.00		0.00
18. Withdrawal from profit provisions				
From the provision in accordance with § 49 (1) no. 2 NHG	11,342,987.62		19,298,059.57	
From the special provisions for the non-economic area	1,053,011.16		3,791,646.04	
From special provisions for the economic area	3,044,194.87	15,440,193.65	3,537,039.63	31,549,451.59
19. Addition to retained earnings				
In the provision in accordance with § 49 (1) no. 2 NHG	3,723,871.76		543,624.94	
In the special provisions for the non-economic area	3,335,028.69	7,058,900.45	4,552,362.58	10,018,693.87
In special provisions for the economic area				
20. Change to the net item		1,347,000.00		-38,070.00
21. Net profit		15,376,288.69		15,139,584.54

5.3 Balance sheet as of 31th December 2020

As of 17th May 2021

Assets	31th Dec 2020		31th Dec 2019	
	EUR	EUR	EUR	EUR
A. Fixed assets				
I. Intangible assets				
1. Usage rights acquired for a fee (software)	2,552,023.00		1,953,510.00	
2. Downpayments made	828,488.81	3,380,511.81	907,689.11	2,861,199.11
II. Property, plant and equipment				
1. Land, leasehold rights and buildings, including building on third-party land	49,576,628.00		45,772,857.00	
2. Technical equipment and machinery	11,002,331.00		4,697,681.00	
3. Other equipment, operating and business equipment	121,070,839.00		124,473,160.00	
4. Downpayments made and plants under construction	27,888,657.23	209,538,455.23	27,396,690.03	202,340,388.03
III. Financial assets				
Cooperative shares		5,000.00		5,000.00
		212,923,967.04		205,206,587.14
B. Current assets				
I. Inventories				
1. Auxiliary and operating equipment	2,065,000.00		2,031,000.00	
2. Unfinished products	9,799,449.37	11,864,449.37	10,871,771.53	12,902,771.53
II. Receivables and other assets				
1. Trade receivables	2,980,287.09		7,600,988.65	
2. Receivables from the state of Lower Saxony	4,657,944.45		2,892,070.26	
3. Receivables from other grant providers	8,899,318.46		8,835,385.83	
4. Other assets	1,931,435.22	18,468,985.22	1,631,707.00	20,960,151.74
III. Cash, bank balances		140,421,108.12		140,979,939.52
– including in the disposit account of the Niedersächsischen Landeshauptkasse EUR 145,651,104.65 (PY EUR 146,539,346.43) –				
		170,754,542.71		174,842,862.79
C. Accruals and deferrals		3,465,564.43		2,753,251.14
		387,144,074.18		382,802,701.07
Liabilities				
A. Equity				
I. Net position		-11,772,030.00		-10,425,030.00
II. Retained earnings				
1. Reserves in accordance with § 49 (1) no. 2 NHG – including liabilities from appointment and continuation agreements EUR 18,884,000.00 (PY EUR 16,007,000.00) –	49,242,210.23		45,445,613.31	
2. Special reserves, non-economic area	4,735,210.41		2,064,349.81	
3. Special reserves, economic area	16,378,991.80	70,960,671.13	16,088,157.98	63,598,121.10
III. Net profit		15,376,288.69		15,139,584.54
		73,960,671.13		68,312,675.64
B. Special items for investment grants		212,923,967.14		205,206,587.14
C. Special items for study fees		84,077.52		84,077.52
D. Provisions				
1. Tax provisions	963,985.00		910,650.00	
2. Other provisions	12,874,480.00		11,482,840.00	
		13,838,465.00		12,393,490.00
E. Liabilities				
1. Downpayments received	10,109,992.83		11,147,089.52	
2. Trade liabilities	9,294,373.62		8,455,922.57	
3. Liabilities towards the State of Lower Saxony	49,898,856.13		61,138,414.93	
4. Liabilities towards other grant providers	15,398,829.77		12,576,506.81	
5. Other liabilities	1,457,677.50		3,181,332.72	
– including from taxes EUR 773,865.15 (PY EUR 2,994,106.26) –				
		86,159,729.85		96,499,266.55
F. Accruals and deferrals		177,163.64		306,604.22
		387,144,074.18		382,802,701.07

6 Glossary

Advanced study programmes

Advanced study programmes have the goal of acquiring a master's degree or doctorate.

Balance sheet

The balance sheet is the comparison of assets and capital as of 31st December of a year. The assets reflect the specific use of the funds used, the capital (liabilities) reflect the origin of funds (equity and loan capital).

Basic financing (basic equipment)

Amount allocated for the basic equipment of a university within the scope of the budget plan of the State of Lower Saxony. The basic funding results from items 1a and 2a of the PaL.

Basic study programmes

Basic study programmes have the goal of Bachelor's Degree/Double Major Bachelor's Degree, Diploma, Magister or state examination.

Doctorates candidates

A person is considered to be a doctoral candidate if he or she has received a written confirmation of acceptance as a doctoral candidate at that institution from an institution authorized to award doctoral degrees. The date of confirmation is considered the start date of the doctorate.

Examination year

The examination year is defined as the winter semester (WS) plus the the following summer semester (SuSe) (e.g. examination year 2020 = WS 2019/2020 and SuSe 2020).

Faculty 1: Carl-Friedrich-Gauß-Fakultät: Departments Computer Sciences, Mathematics, Social Sciences, Economics with 16 study programmes and two partial study programmes.

Faculty 2: Life Sciences: Biosciences, Chemistry, Food Chemistry, Pharmacy, Psychology with 17 study programmes.

Faculty 3: Architecture, Civil Engineering and Environmental Sciences with 17 study programmes.

Faculty 4: Mechanical Engineering with 12 study programmes.

Faculty 5: Electrical Engineering, Information Technology, Physics with 15 study programmes and two partial study programmes.

Faculty 6: Humanities and Educational Sciences: English studies, Educational Sciences, Protestant Theology, Teaching Methodology of Natural Sciences (Biology, Chemistry, Physics), German Studies, History, Mathematical Didactics, Music, Philosophy, Sports with seven study programmes and 45 partial study programmes.

Finance volume

The finance volume includes the total budget volume of the university. It is defined by items 1 to 6 of the PaL, minus income from dissolution of the special item for investment grants as well as for tuition fees.

Foreign students

Foreign students are students who received their university entrance qualification abroad or at preparatory college.

Graduates

Graduates are students who passed the final examination. These are the final Bachelor's Degree/Double Major Bachelor's Degree, Diploma, Magister, Master's Degree and state examination. Doctorates are indicated separately.

Government funding for educational quality

Government funding for educational quality are compensation payments from the State of Lower Saxony for the discontinued study fees, in order to continue to improve the quality of teaching and the study conditions at the Lower-Saxon universities. The state dynamically adjusts the funds to the number of students.

International students

International students are students with foreign nationalities.

PaL

The profit and loss statement (PaL) is a comparison of the expenses and income in a year to determine the result of the university. It is compiled according to the rules of the Commercial Code (Handelsgesetzbuch; HGB).

Reporting year

The reporting year is defined as summer semester plus the subsequent winter semester (e.g. academic year 2020 = SuSe 2020 and WS 2020/2021).

Special funds of the State

Available funds of the Lower Saxon Ministry for science and culture (Ministerium für Wissenschaft und Kultur; MWK) for certain measures, such as government funding for educational quality and university pact funds result from items 1b and 2b of the PaL.

Staff

A university's staff include scientific and artistic, as well as non-scientific staff. They are broken down into full- and part-time and indicated as a head count.

STEM

Short for: science, technology, engineering and mathematics.

Students

Students are the students enrolled in a study programme in the respective winter semester, minus those on leave. The students are indicated as a head count.

Study semester

Study semesters are any semesters that are completed to take a university examination in a specific study programme.

Summer semester

The summer semester is from 01st April to 30th September of a year.

Third-party funds according to the accounting guideline

Third-party funding is funding that is acquired for promoting research and development, as well as junior researchers and teaching, in addition to the regular university budget (basic funding) of public and private providers (except for the State of Lower Saxony). According to the accounting guidelines, funds from contract and grant research, donations/sponsoring, scholarships and continuing education are part of third-party funding. These are revenue from third-party funding that are reported under items 1c, 2c, 4a, 4b, 6a and 6b of the profit and loss statement.

Third-party funds according to the university funding statistics

As a rule, only those funds that are allocated to university budgets or that are managed by the university in deposit accounts are recorded in the university finance statistics (Hochschulfinanzstatistik; HFS)—excluding sales tax, i.e., net. Funds from the sponsoring institution of the university and funds for scholarship payments (= study support—not teaching and research) are not considered third-party funds for the purposes of the HFS..

Useful area

The useful area is the total of the area that serves a building's purpose (e.g. for work or accommodation purposes, NF 1 to 6).

Winter semester

The winter semester is from 01st October of a year until 31th March of the following year.



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Editorial office:
University controlling
Academic and Strategic Controlling
Anja Kübler
Spielmannstraße 20
38106 Braunschweig
phone +49 (0)531 391-4117
a.kuebler@tu-braunschweig.de